

May 26, 2021

The Manager - Listing Department, National Stock Exchange of India Limited, Exchange Plaza, NSE Building, Bandra Kurla Complex,

Bandra East, Mumbai- 400 051

SYMBOL: POLYPLEX

The General Manager - Listing Department, BSE Limited Phiroze Jeejeebhoy Towers,

Dalal Street,
Mumbai- 400 001

BSE Scrip Code: 524051

Dear Sir(s),

Sub: Regulation 30 of SEBI (LODR) Regulations, 2015

Ref: Presentation on Audited Financial Results for the Quarter/Year ended March 31,

2021

We are pleased to enclose herewith our presentation on Audited Financial Results for the Quarter/ Year ended on March 31, 2021.

A Copy of this presentation is also being posted on Company's Website i.e. www.polyplex.com.

Thanking you,

Yours faithfully,

For Polyplex Corporation Limited

Ashok Kumar Gurnani Company Secretary

Encl: as above.

Email: akgurnani@polyplex.com

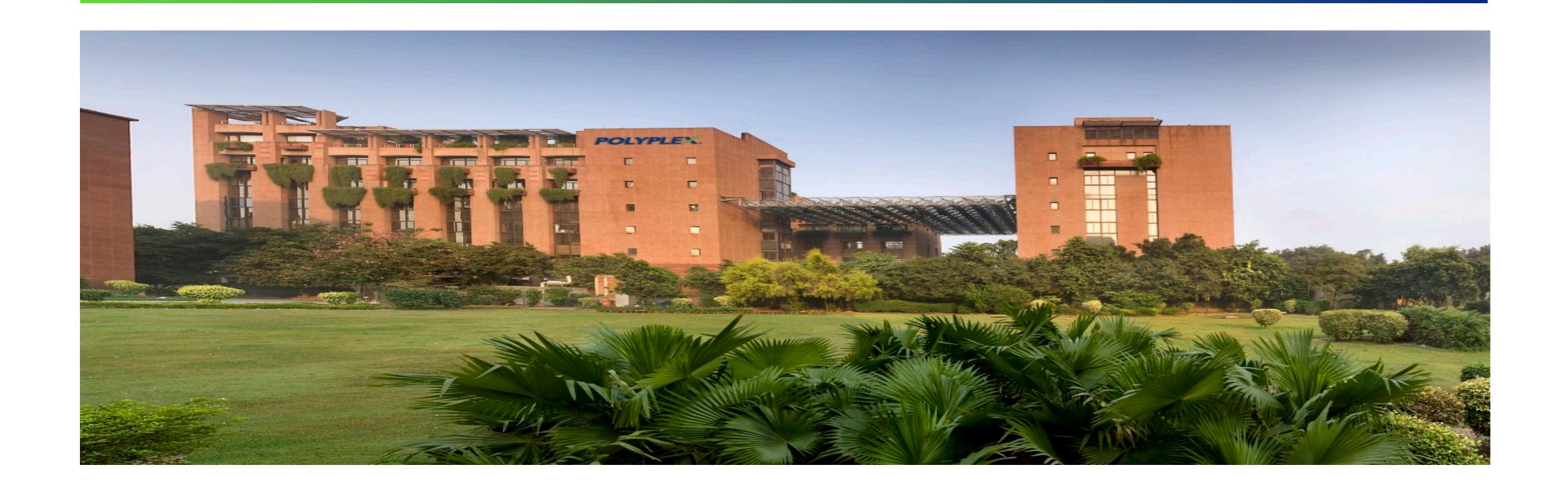
#### **Polyplex Corporation Limited**

(CIN: L25209UR1984PLC011596)



Polyplex Corporation Limited (PCL) May 26, 2021

Fourth Quarter & FY 20-21 Financial Results & Summary



# Polyplex At a Glance

**Years** Of Experience in Plastic Films

High level of expertise, especially in PET Film production, with in-house R&D continuously seeking to provide innovative solution to customers



**BOPET Thin Film provider** 

Large capacity with consistently higher than industry's capacity

> Reached with ~ 1,950 **Customers**

Wide global reach with strong Network of customers



# Polyplex: At a Glance

# India Rating & Research IND AA- (Stable Outlook)

### Q4 20-21 Highlights

	FY 20-21 Highlights
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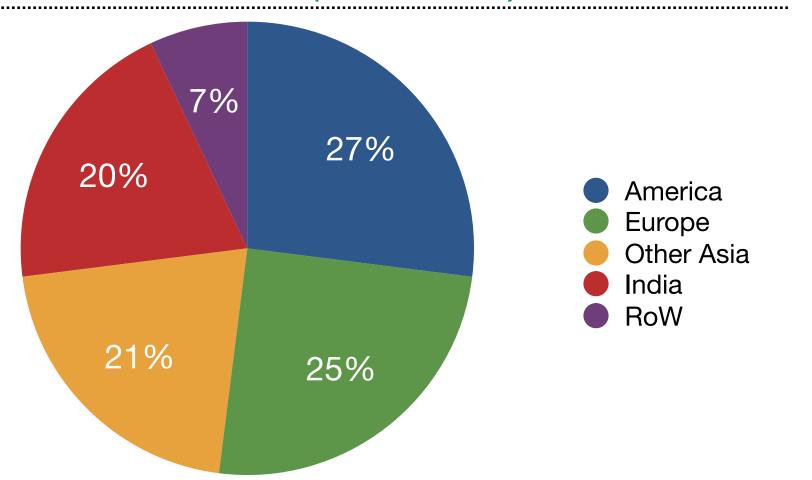
1,291 Cr (\$ 177 million)	+5% +9%
Sales Revenue#	QoQ YoY
290 Cr (\$ 40 million)	-15% +17%
Normalized EBITDA*	
(22% EBITDA Margin)	-533bps 154bps
	QoQ YoY

4,903 Cr (\$ 660 million)	+10%
Sales Revenue#	YoY
1,270 Cr (\$ 171 million)	+35%
Normalized EBITDA*	
(26% EBITDA Margin)	476bps
	YoY

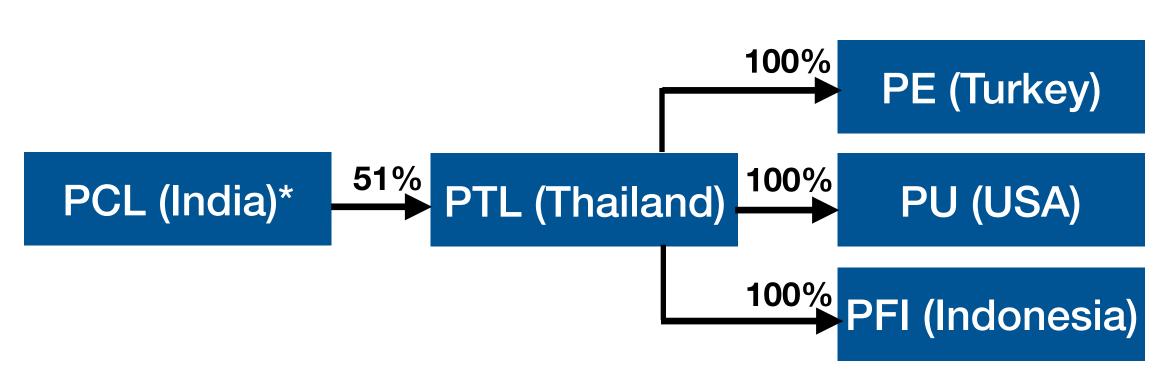
TV On Ot Highlighto

#### # Excludes other operating revenues

### Business Mix (FY 20-21)



### Polyplex Group Structure^



<sup>\*</sup> Including Holding of Singapore WOS



<sup>\*</sup> Normalised EBITDA: EBITDA excluding impact of unrealised FX gains / (losses) on long term loans

<sup>^</sup> Covers only major manufacturing entities

#### 2022 2019 **New PET Film line TMP** in Bazpur in USA Polyplex Journey so far: Ability to identify & capitalise on opportunities **Started manufacturing** in Indonesia 2014 **Expansion of Holography Started Offline** business in Khatima **Chemical Coated** operations in Turkey 2012 & Bazpur **First Silicon** 2008 **Coating line in** 2021 **Thailand First Extrusion Coating Line in Thailand New BOPP film** 2018 **Expanded Thin PET** line in Indonesia **Film in Turkey** 2005 **Expansion of** Started holography recycling unit in operations in Khatima First Thin PET film **Thailand** line in Turkey **Expansion of Blown** 2003 2013 Film line in Thailand **Expansion of Blown** First & Second **Started PP film line** Thin PET film line manufacturing in 1996/1997 **Thailand & Turkey** in Thailand **Decatur, USA** 2010 First Resin plant and **Batch Resin in** First BOPP & new PET **Thick PET film line Expansion of Thin PET Turkey & Thailand** film line in Bazpur along with Resin film line capacity in Khatima 2006/07 capacity & Blown **New Offline Coating CPP line in Thailand Acquisition of** film line in Thailand line in Turkey **Spectrum Marketing** Inc. for warehousing & **Expanded Extrusion** distribution of 2004 **Coating operations** Polyplex products in **Coming Soon** in Thailand **USA Public listing of PTL** 2002 **First Silicon** Recycling plant in Resin capacity in **Coating line in Khatima Thailand - Ecoblue** First Metallizer in **Thailand** Ltd. 1988 **Khatima**



Resin capacity in

**Turkey** 

**Public listing of PCL** 

First Thin PET film line

in Khatima

### Success Enablers



Global leadership position with industry leading scale & cost



Strong financial & operational track record



Continuous and high growth in demand



Stable earning across business cycles



Stable & proven Management team

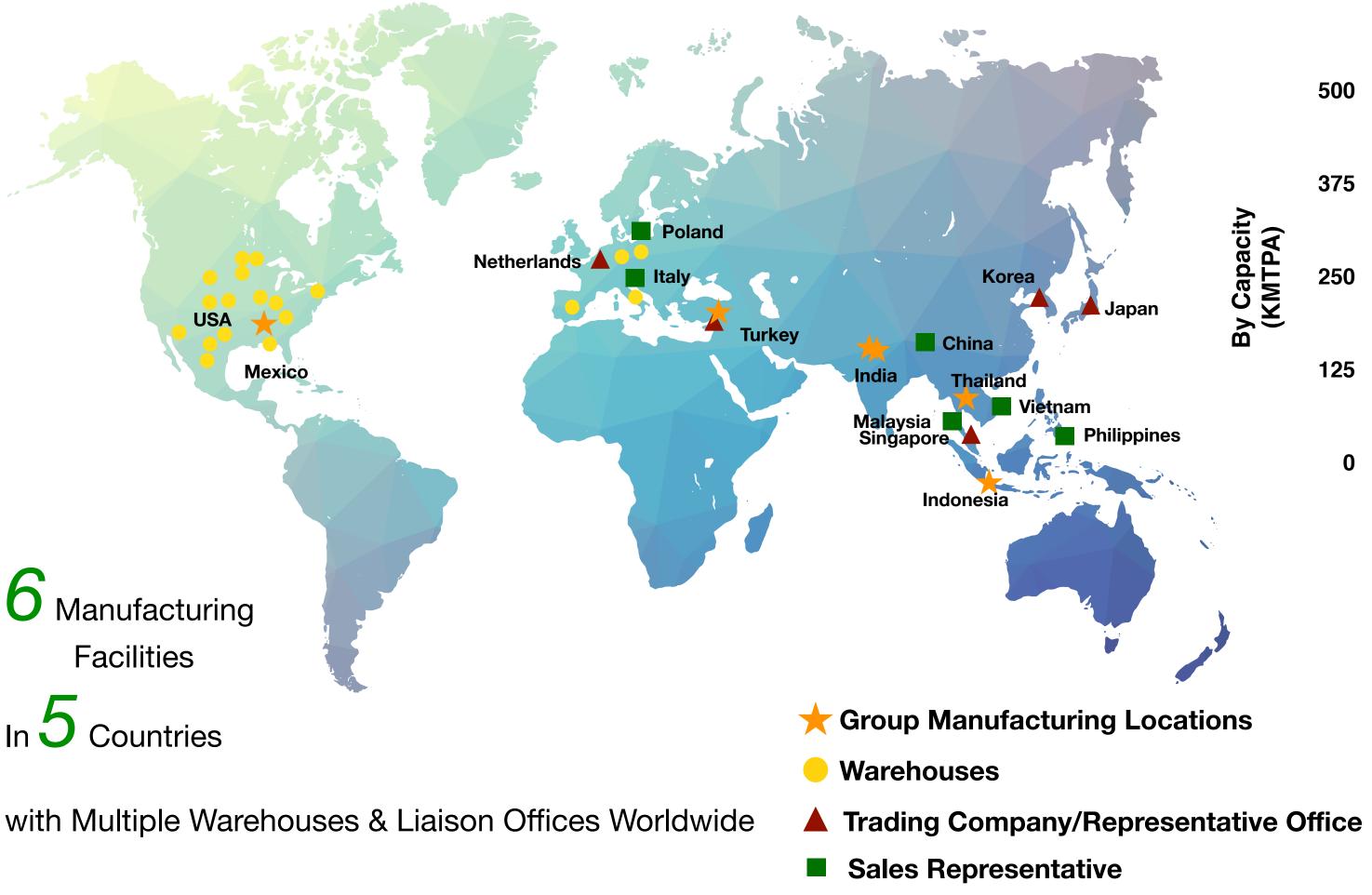


Global leadership position with industry leading scale & cost

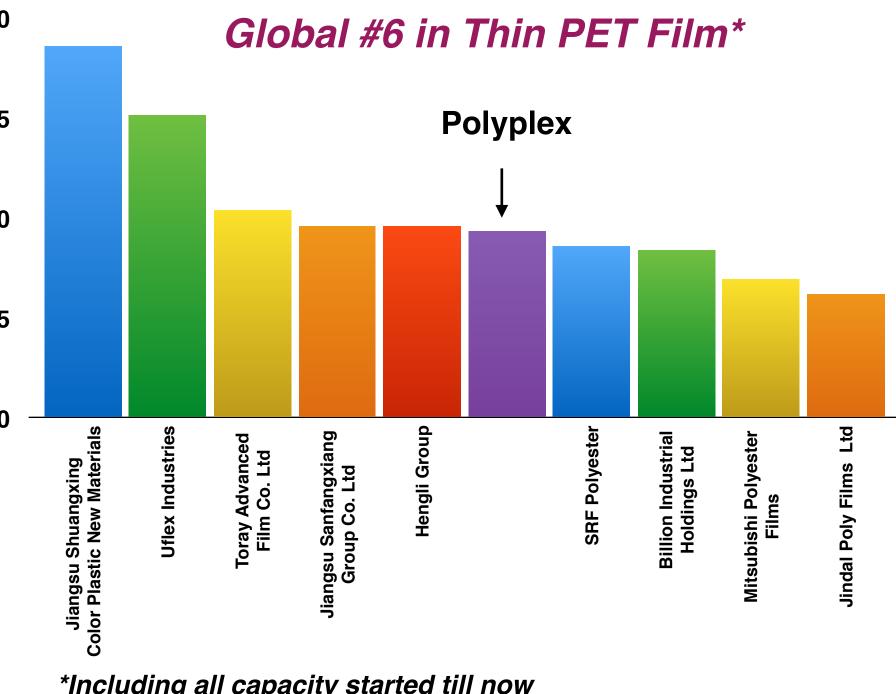


# Global Leadership

Unique model of on-shore, off-shore and near-shore manufacturing



Preferred strategic partner in flexible packaging - the largest and fastest growing segment in PET film



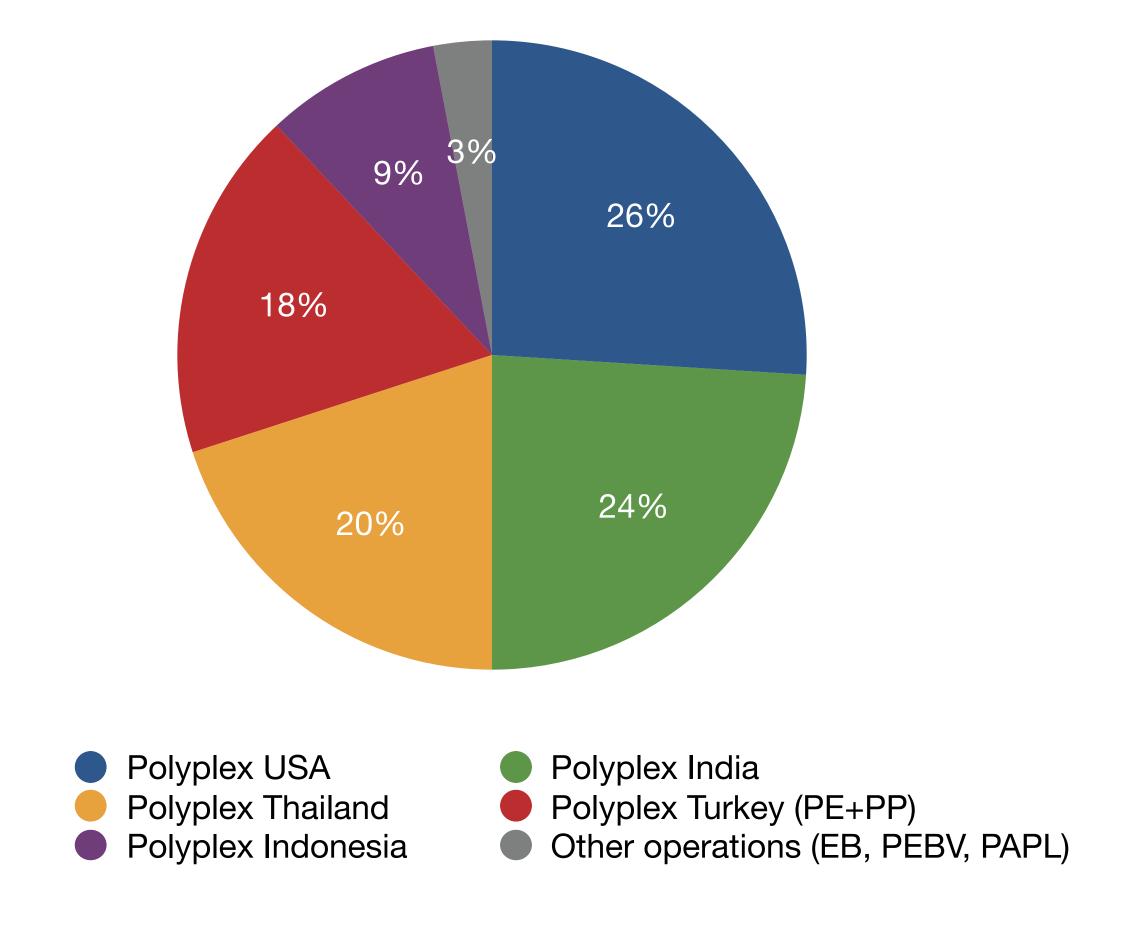
\*Including all capacity started till now

Global footprint providing customers a low-risk, reliable and cost effective supply chain

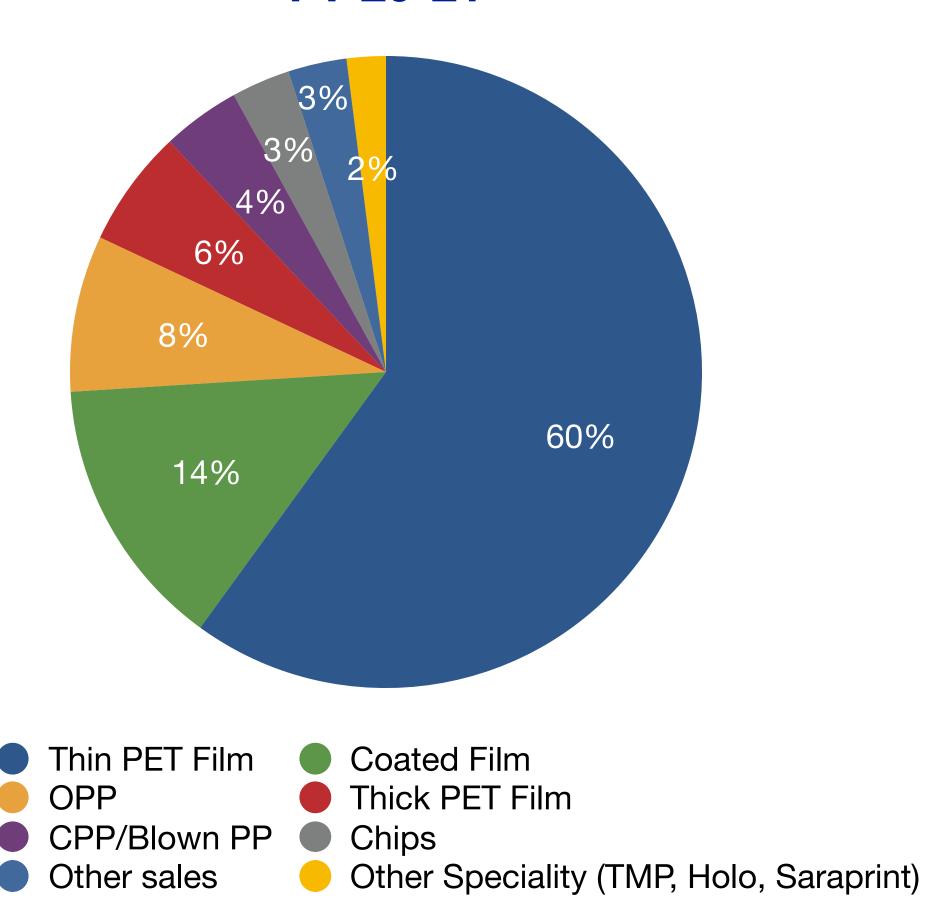


### Global Presence & Portfolio

# Operating company-wise breakup of sales FY 20-21

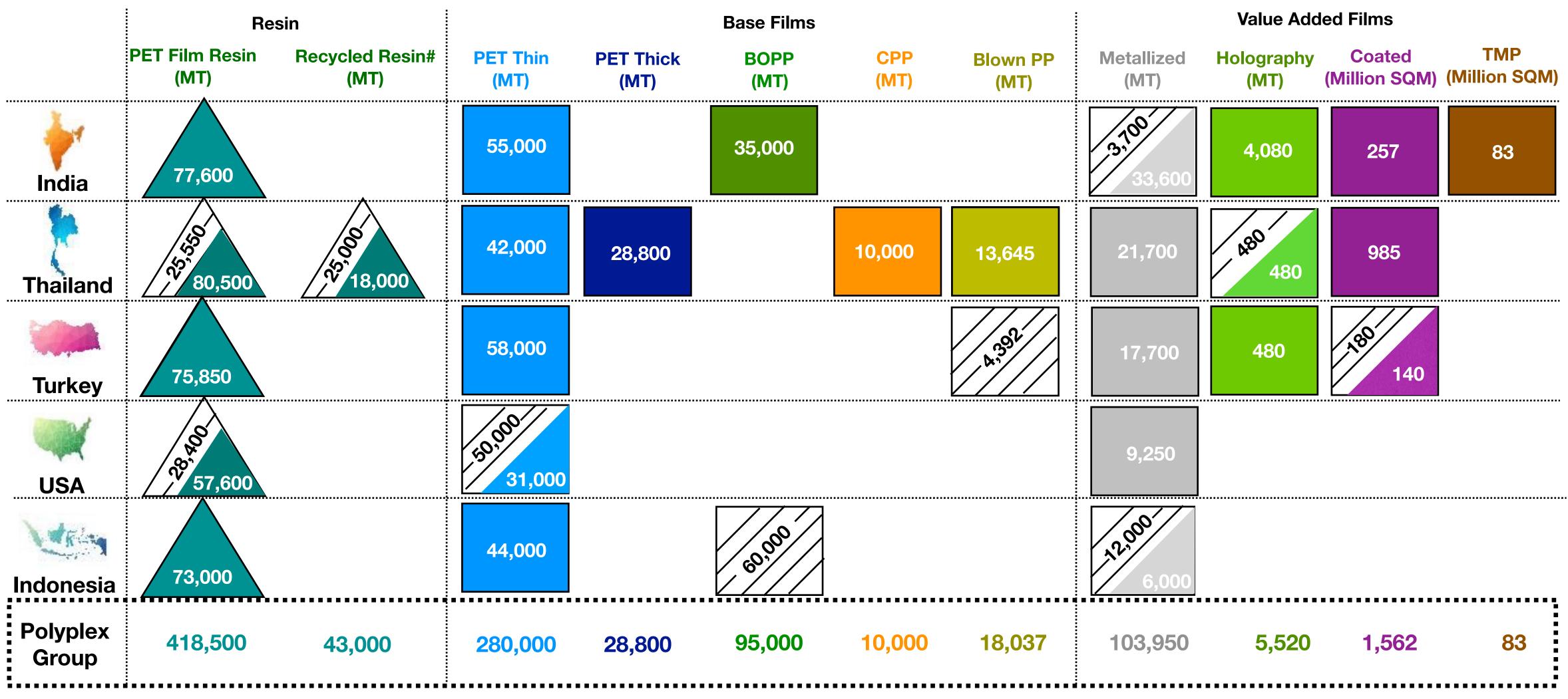


# Business segment-wise breakup of sales FY 20-21





# Industry leading scale & vertical integration



Total Resin Capacity (incl. new upcoming capacities) = 461,500 (in MT per annum)

Total Base Films Capacity (incl. new upcoming capacities) = 431,837 (in MT per annum)

New Upcoming Capacities
# In Ecoblue, Thailand

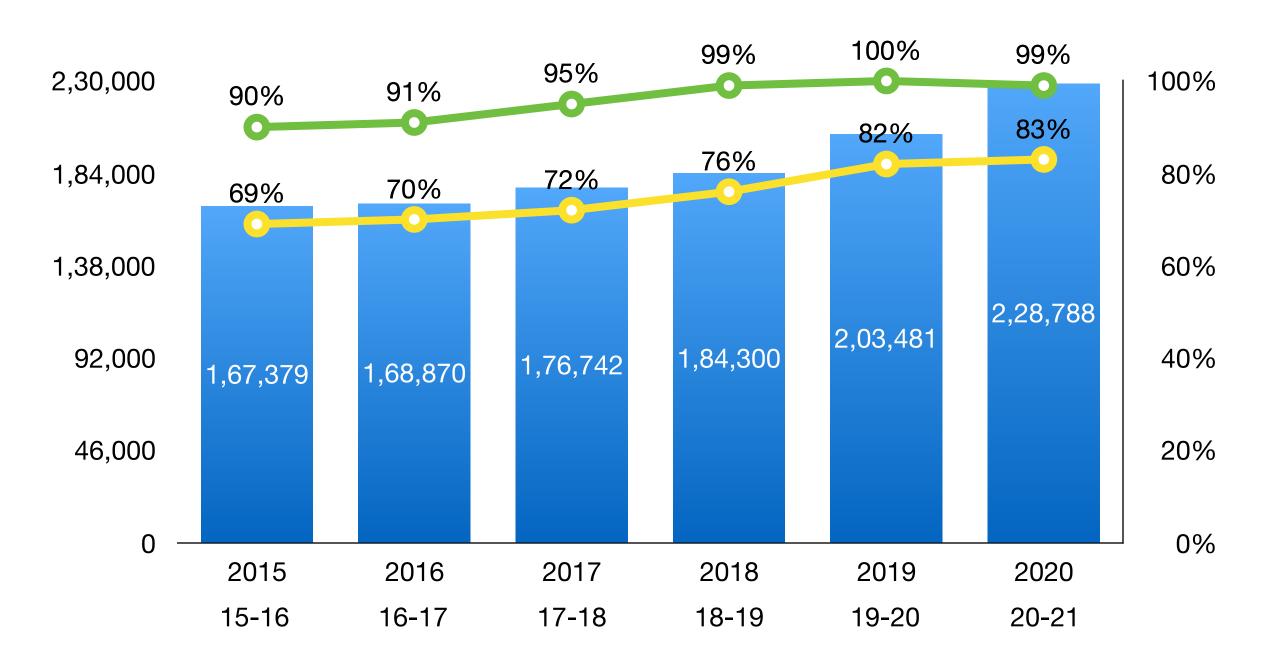


# Industry leading cost structure



- Implementing Kaizens to improve productivity and business processes
- Debottlenecking of existing assets to expand capacity
- Reducing wastage and conserve energy
- Investing in new high productivity lines
- Cross-learning and sharing best practices/benchmarking across business line
- Investing in Human Resources

### Polyplex CUF vs Industry (Thin PET Film)



### Industry leader with near 100% Capacity Utilization through business cycles

- Globally one of the lowest cost manufacturers, driven by scale economies, operational excellence, vertical integration and strategic manufacturing locations.
- Favorable tax regime

Industry Capacity Utilization (%)

 Low cost of delivery due to distributed manufacturing location of plants

Note:

- Industry CUF as per CY, Polyplex CUF as per FY
- Industry CUF for 2020 is based on internal estimates

Polyplex Production (MT) Polyplex Capacity Utilization (%)



# Strong financial & operational track record



# Q4 20-21 Performance Snapshot

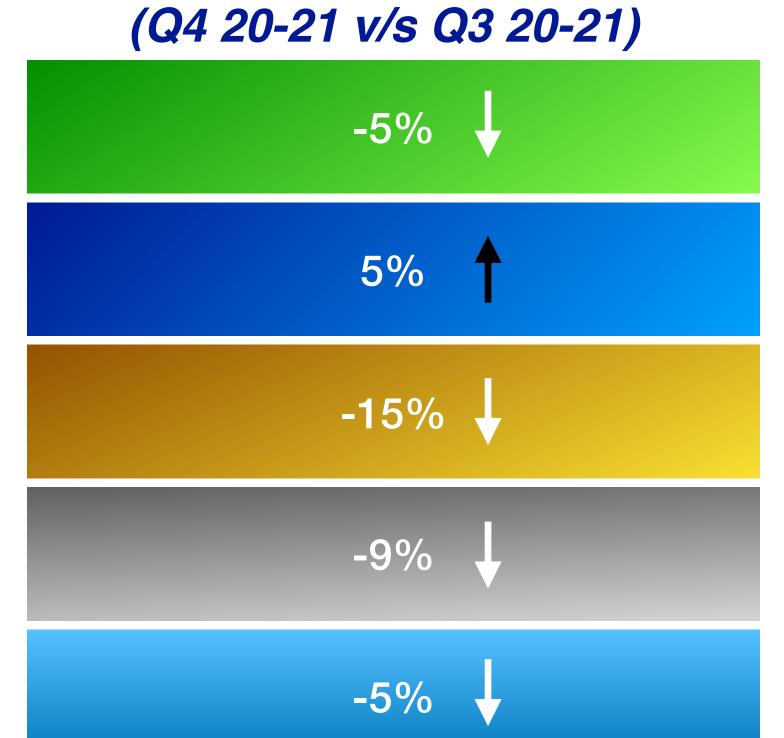


Sales Revenue#
1,291 INR Crores (\$ 177 million)

Normalized EBITDA\*
290 INR Crores (\$ 40 million)

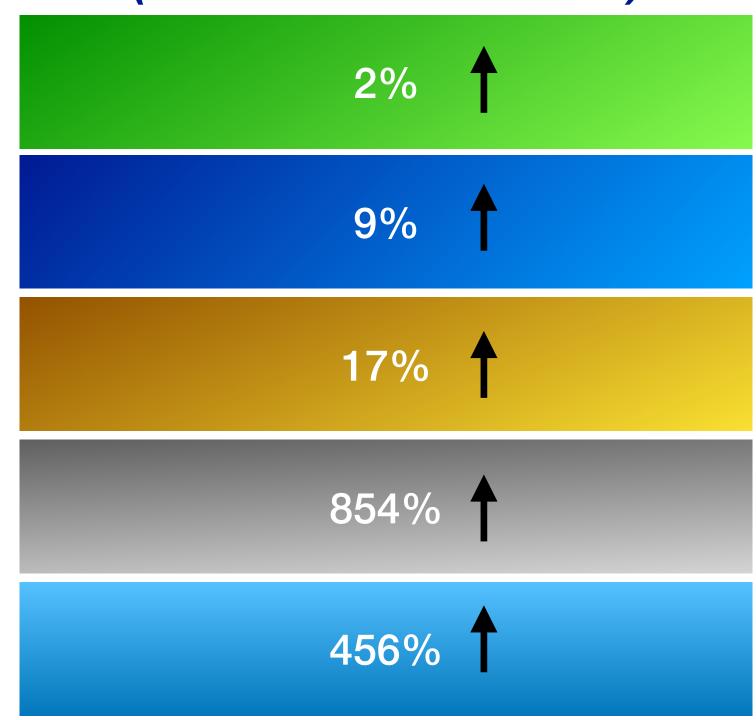
PAT (Before Minority)
205 INR Crores (\$ 28 million)

EPS 39.92 INR/Share



QoQ Growth





#### Notes:

currency long term loans

- Decline in EBITDA in Q4 FY 2020-21 as compared to Q3 FY 2020-21 resulting from:
- Lower volume in PET & BOPP film business and lower VA due to:
  - → Higher RM cost and lag in change in sales price
  - ◆ Spike in logistics cost due to global supply chain disruptions
- Factors impacting reported PAT & EPS in Q4 FY 2020-21 as compared to Q4 FY 2019-20
- In Q4 FY 2020-21, there is a FX gain of INR 30.77 crores (\$ 4.22 million) as against FX loss of INR 143.29 crores (\$ 19.77 million) in Q4 FY 2019-20 on account of re-statement of foreign

# Excludes other operating revenues



<sup>\*</sup> Normalised EBITDA: EBITDA excluding impact of unrealised FX gains / (losses) on long term loans

# FY 20-21 Performance Snapshot

Yo Y Growth (FY 20-21 v/s FY 19-20)

Sales Volume (All Films) 304,733 MT

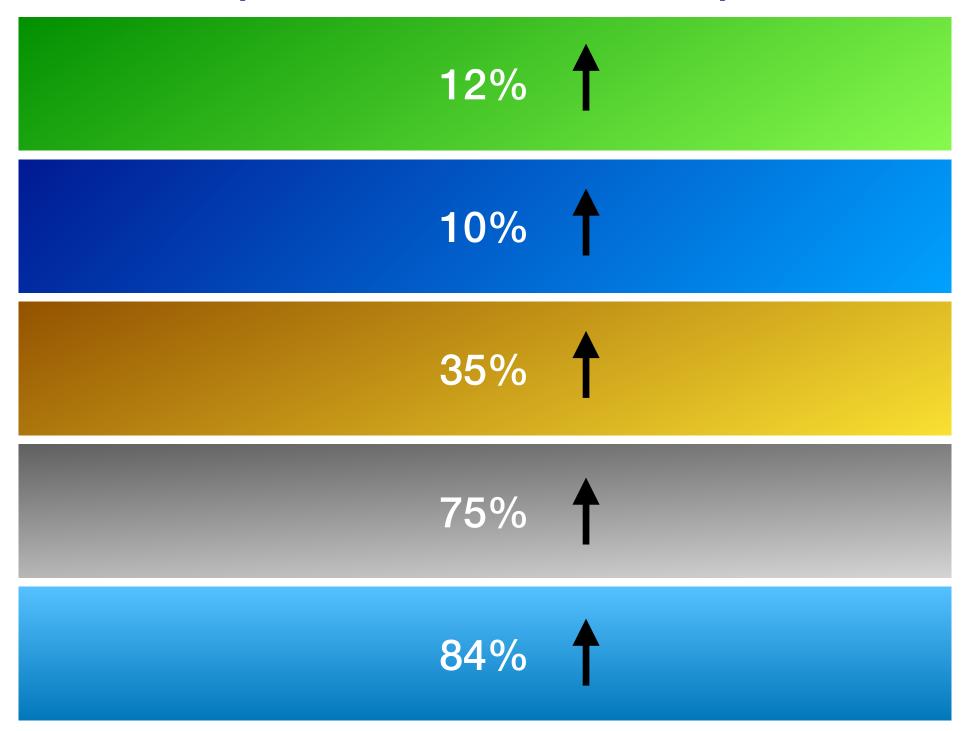
Sales Revenue# 4,903 INR Crores (\$ 660 million)

Normalized EBITDA\*

1,270 INR Crores (\$ 171 million)

PAT (Before Minority) 862 INR Crores (\$ 116 million)

**EPS^ 162.57 INR/Share** 



#### **Notes:**

- Factors impacting reported PAT & EPS in FY 2020-21 as compared to FY 2019-20
- In FY 2020-21, there is a FX gain of INR 5.79 crores (\$ 0.78 million) as against FX loss of INR 101.75 crores (\$ 14.35 million) in FY 2019-20 on account of re-statement of foreign currency long term loans

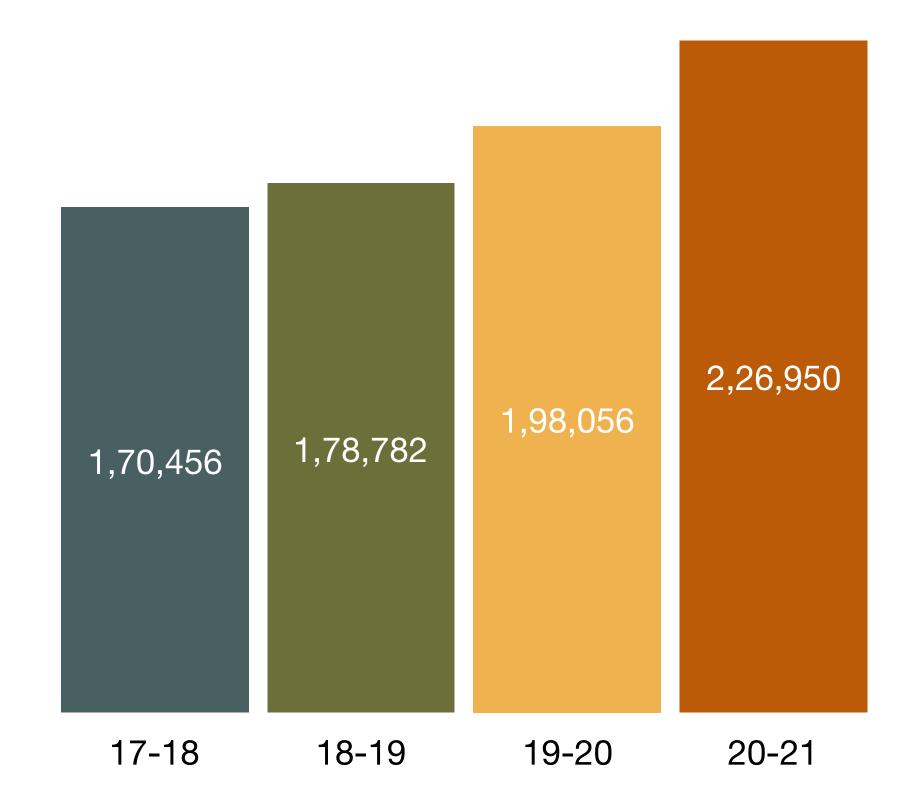
# Excludes other operating revenues

- \* Normalised EBITDA: EBITDA excluding impact of unrealised FX gains / (losses) on long term loans
- ^ EPS is computed based on daily weighted average no. of shares in FY 20-21

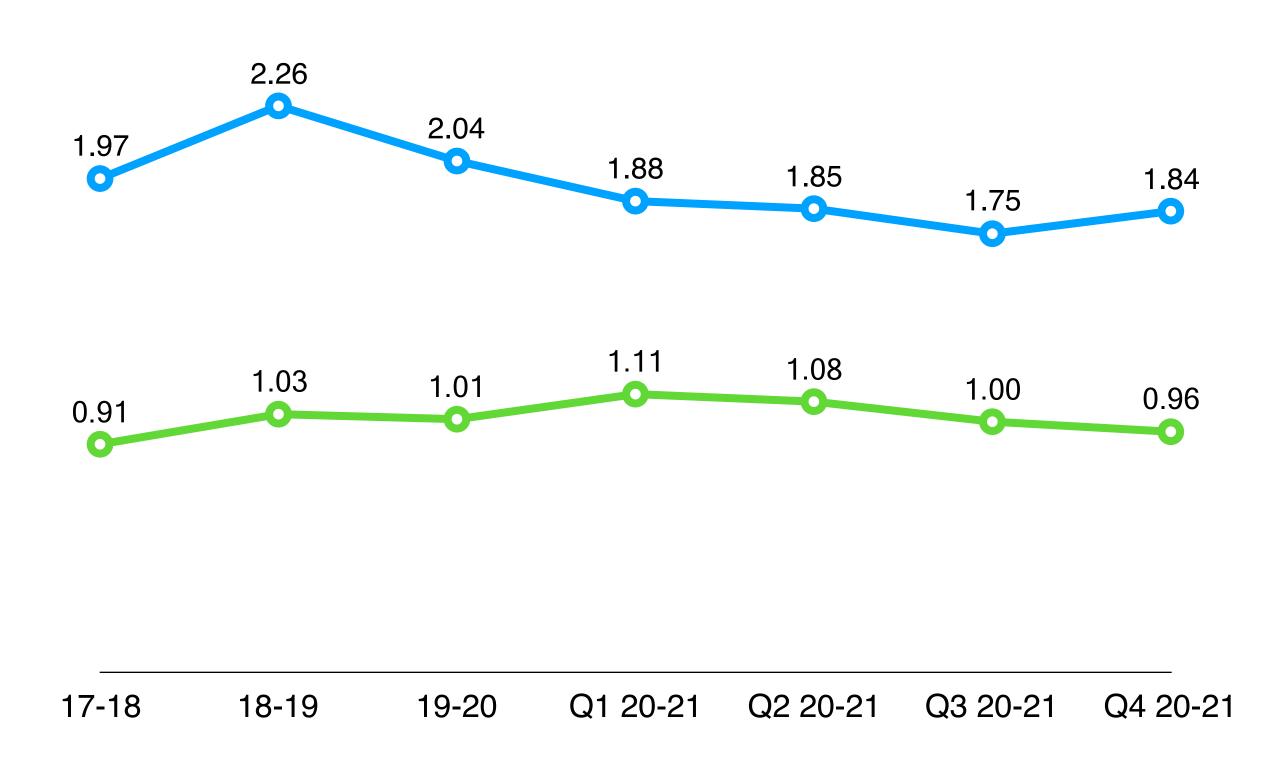


### Thin PET Film - Trend

### Thin PET Film\* Sales Volume (MT)



- Ex-Factory Price Thin PET Film\* (USD/Kg)
- Value Addition\*\* Thin PET Film\* (USD/Kg)



- film transferred to Silicon Coating & Extrusion Coating lines but excludes sales of final product from these lines
- volume of value added films Metallized, Holography, General purpose offline coated, Transfer Metallized Paper (TMP)

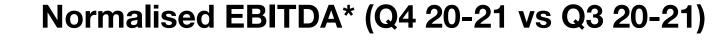


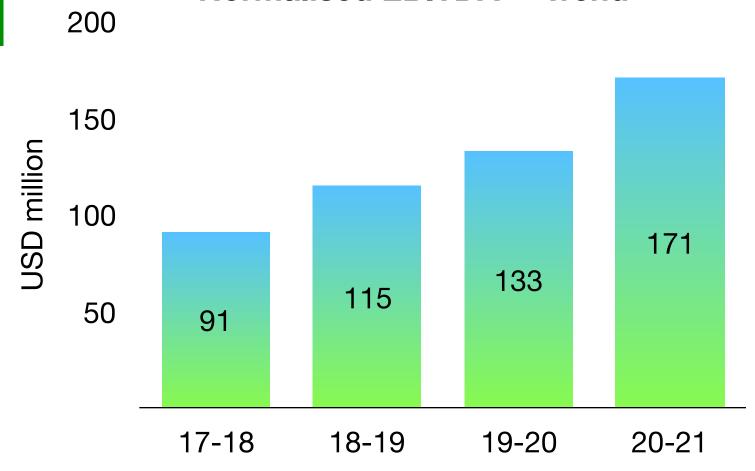
<sup>\*</sup> Includes :

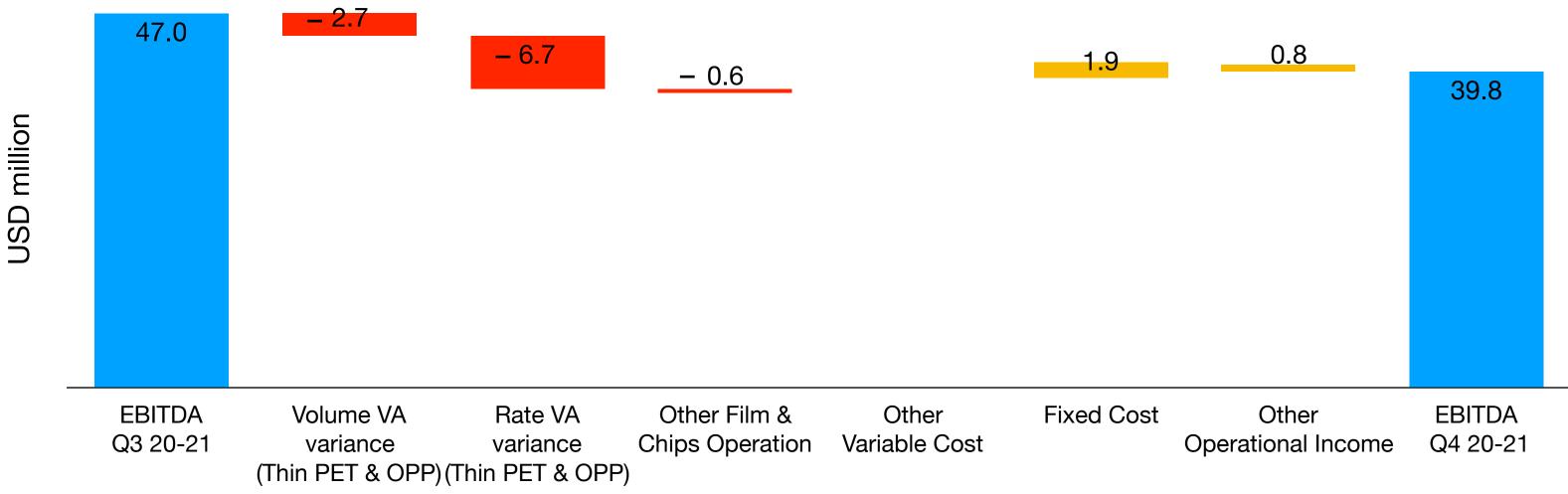
<sup>\*\*</sup> Over Raw Material Cost and after adjusting the consolidation impact of FX on change in stock

### **EBITDA**

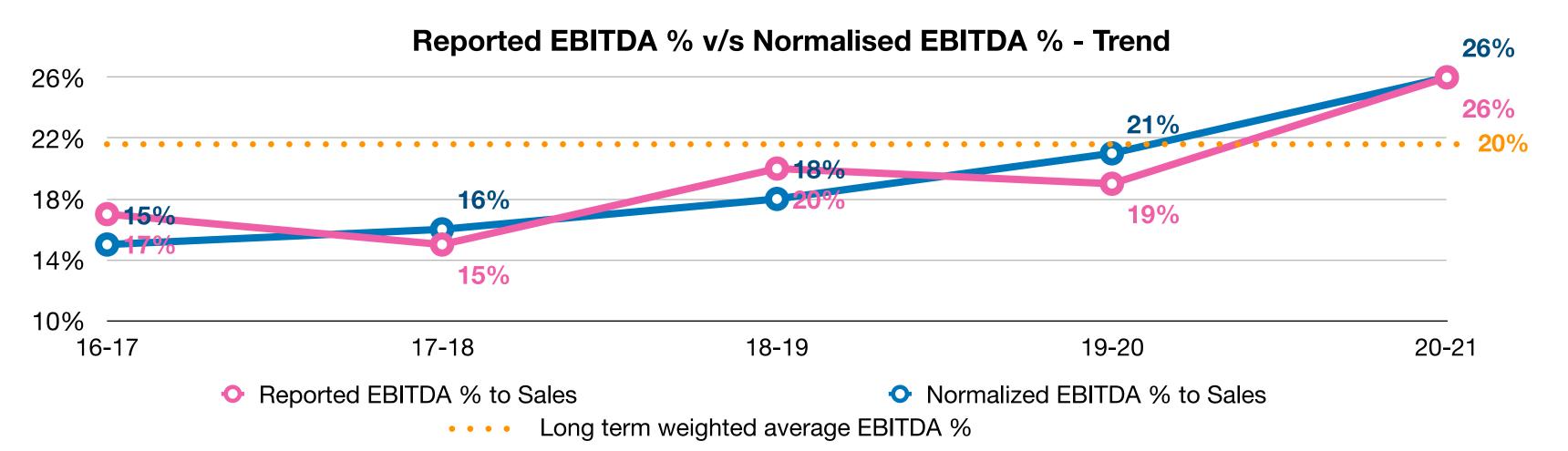
#### **Normalised EBITDA\* - Trend**



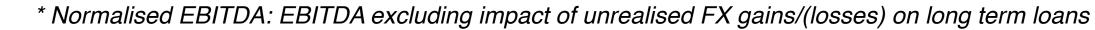




- The above numbers have been translated using simple average of daily exchange rates for Q4 FY 20-21



- ❖ Reported EBITDA is fluctuating due to impact of FX movement on restatement of long term FX loans
- \* Eliminating the restatement impact (Normalised EBITDA), EBITDA margins are continuously improving YoY basis
- Long term average (almost same for both Reported & Normalized EBITDA) shows that the differences are evened out as exchange rates moves up and down

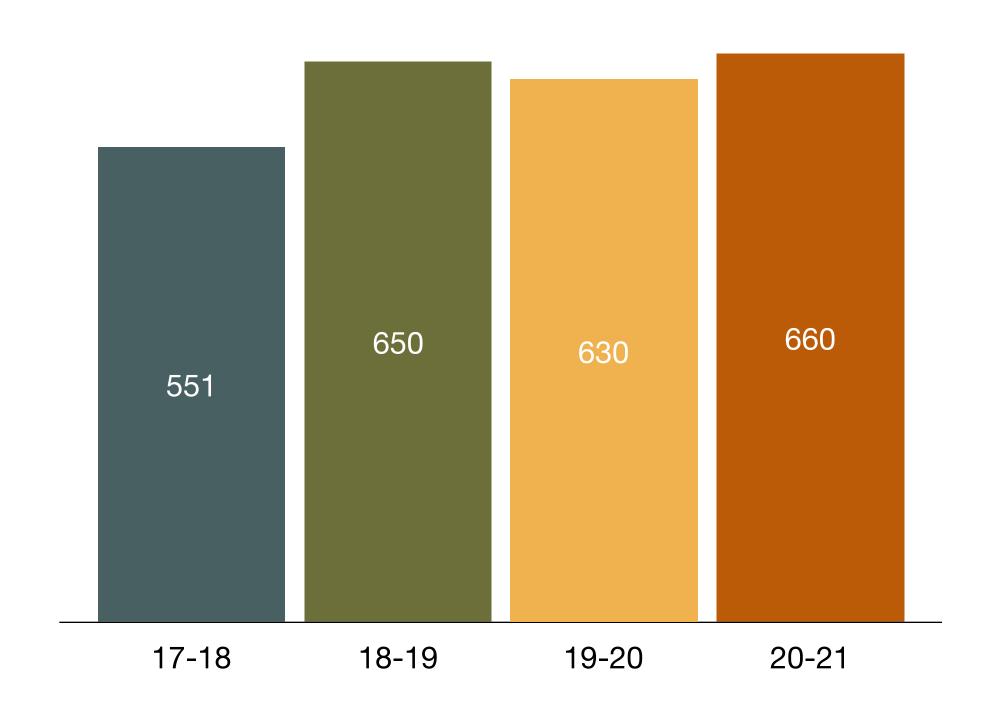




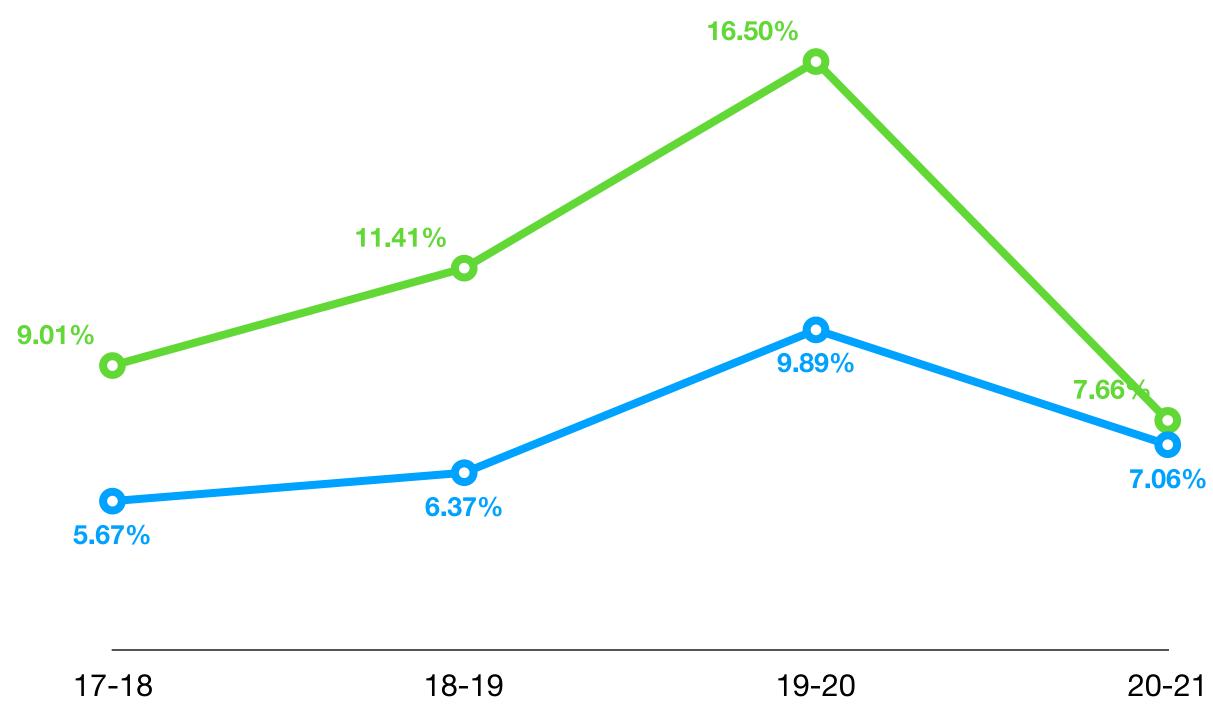
# Strong Financial Performance

Sales Revenue\* (USD million)









Current tax adjusted for tax on inter company dividend & buyback

Current tax (unadjusted)

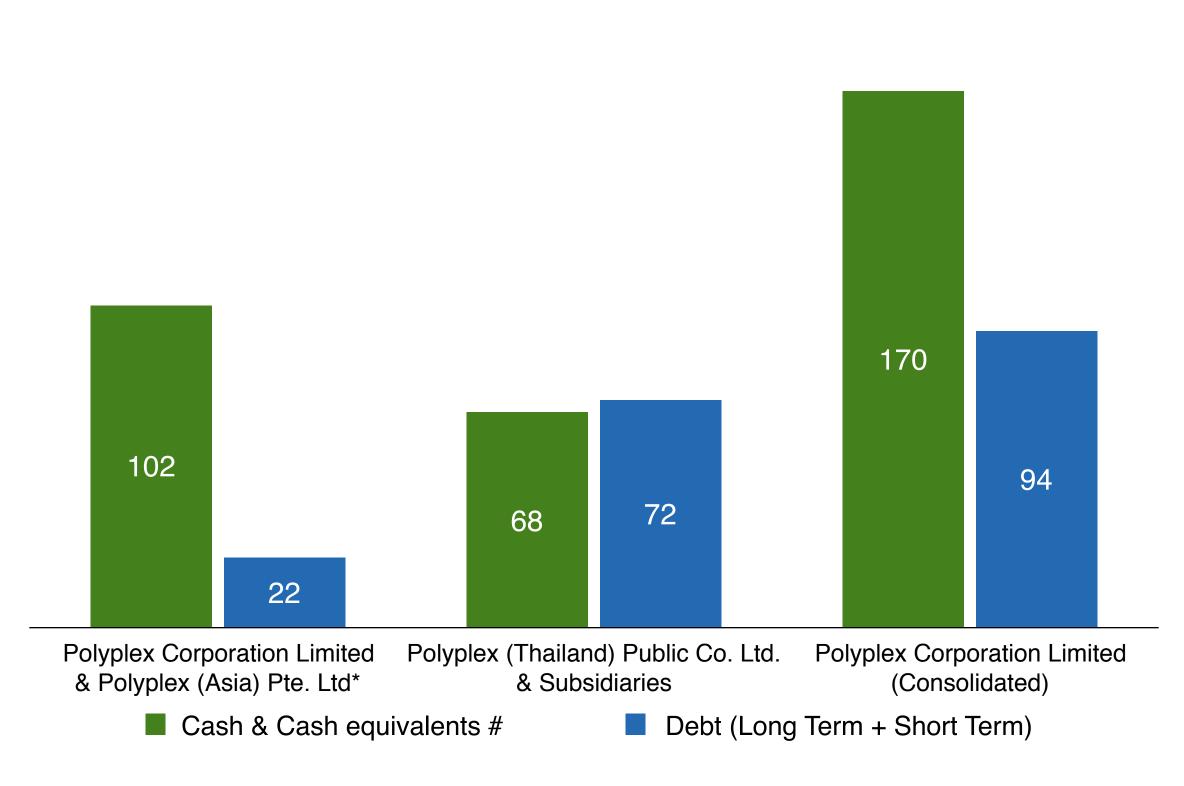
PBT - Adjusted for Exceptional Items

Tax - Current tax for the period (excluding any DTL/DTA movements)



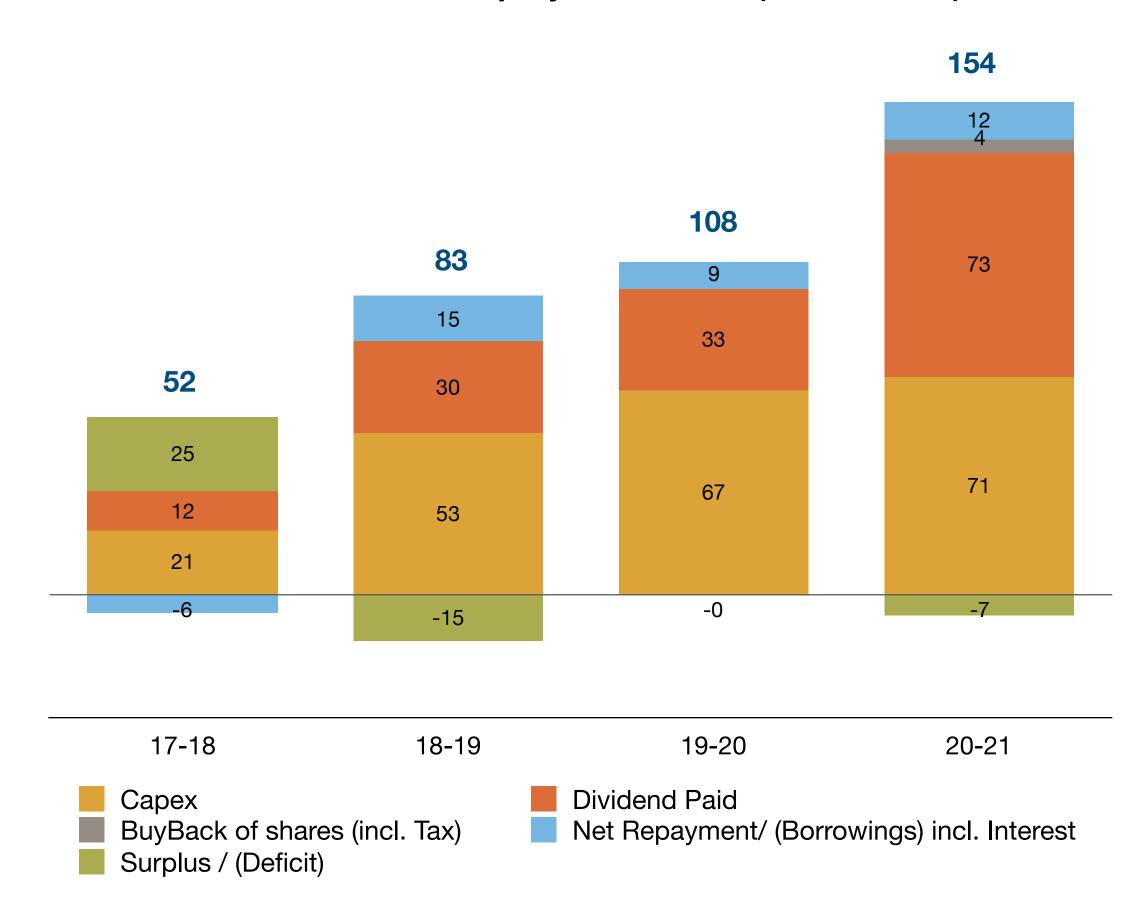
# Strong Liquidity

#### Cash & Debt Position (USD million)



<sup>\*</sup> Polyplex (Asia) Pte. Ltd. (Singapore) is 100% owned by Polyplex Corporation Limited # Including current & non current Investment in FD's, Bonds & Mutual funds

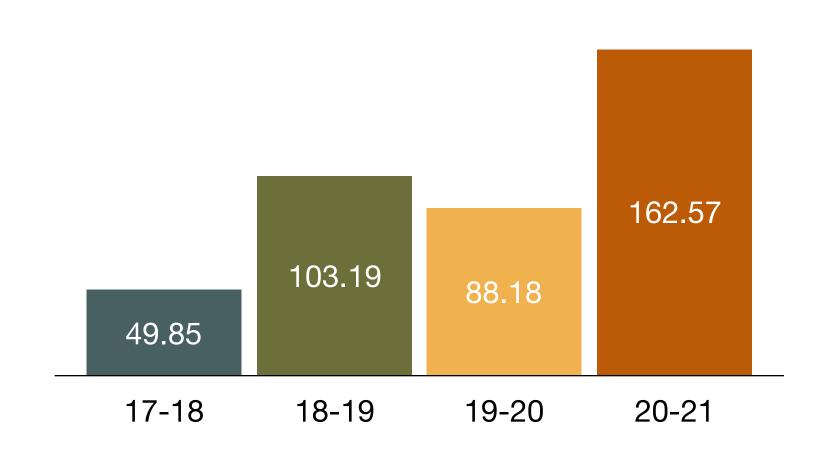
### Free Cash Flow Deployment Trend (USD million)



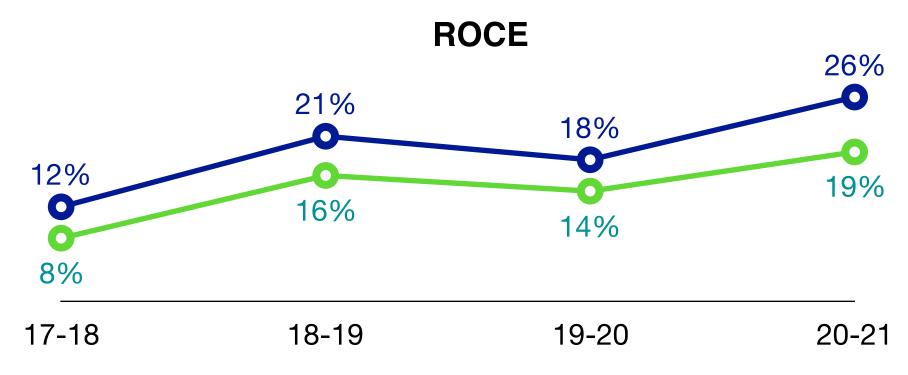


# Strong Financial Performance

### **EPS^ (INR/Share)**

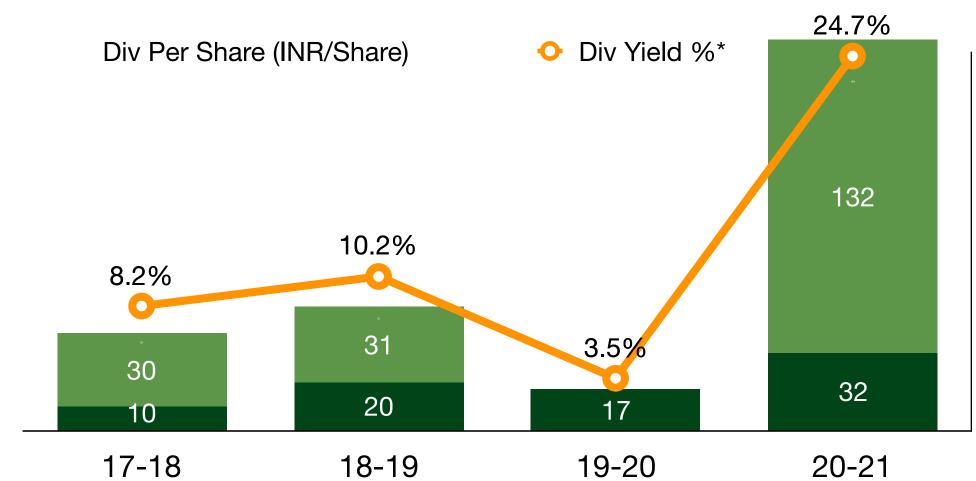


^ EPS is computed based on daily weighted average no. of shares

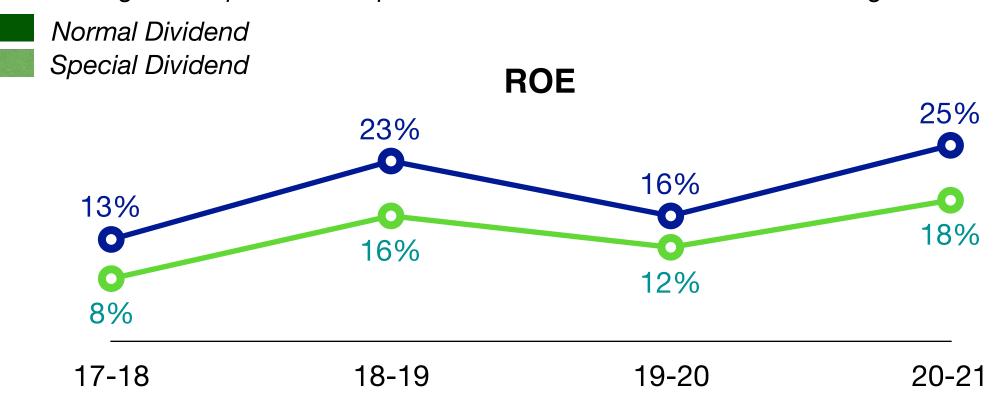


- ROCE (With Cash & Cash Equivalents)
- ROCE (Excluding Cash & Cash Equivalents)
- ROCE (%) = EBIT as a % to average capital employed
- ROE (%) = PAT as a % to average equity

#### Dividend



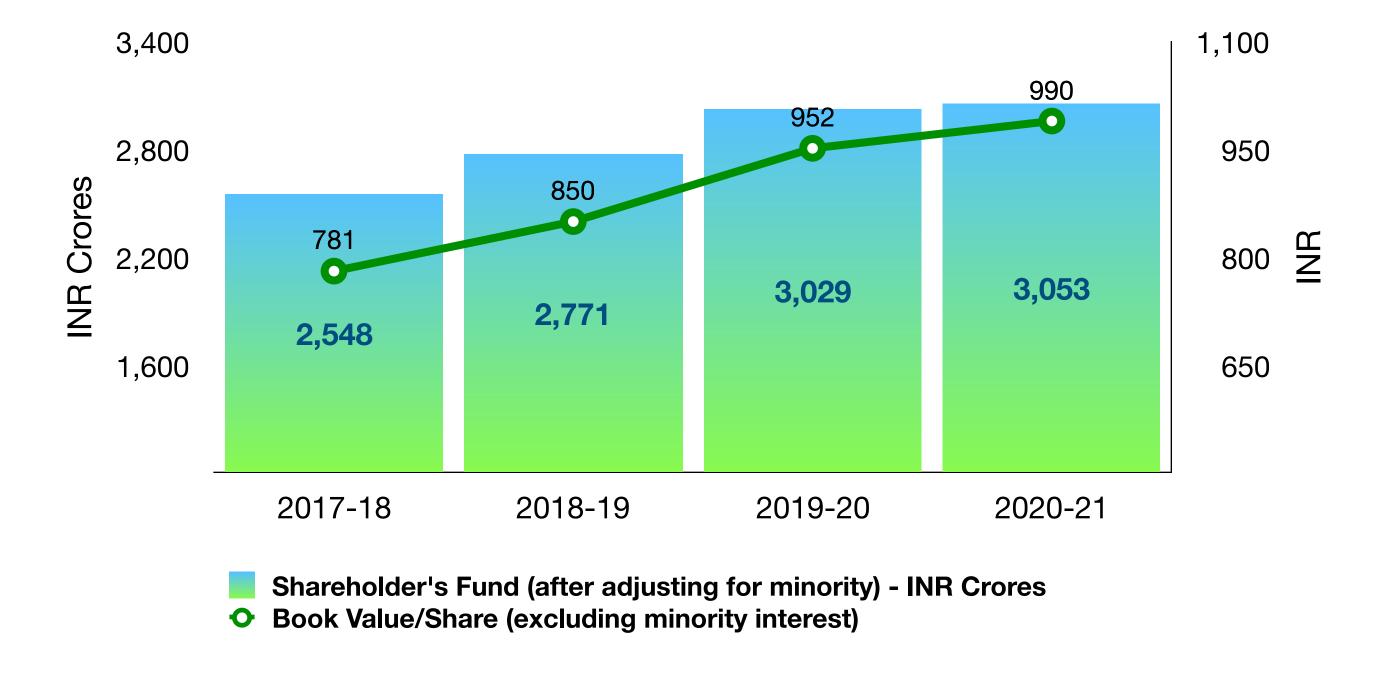
\* Average stock price for the period has been considered for calculating Div Yield



- ROE (With Cash & Cash Equivalents)
- ROE (Excluding Cash & Cash Equivalents)



### Total Shareholder's Return



Shareholder's Return	Last 1 year	Last 3 years	Last 5 years	Since IPO (1988)
(A) Total Returns*				
- Polyplex	229%	55%	50%	25%
- Nifty 500 - TRI	75%	14%	16%	13%
- BSE Small Cap - TRI	121%	12%	17%	14%
(B) Stock Price Movement				
- Polyplex	172%	37%	38%	15%
- Nifty 500	73%	12%	15%	11%
- BSE Small Cap	119%	11%	16%	13%

<sup>\*</sup> Dividend Reinvestment Method

#### Note:

- Dividend considered based on the payout dates
- The returns have been calculated based on the stock price data as on 21st May 2021



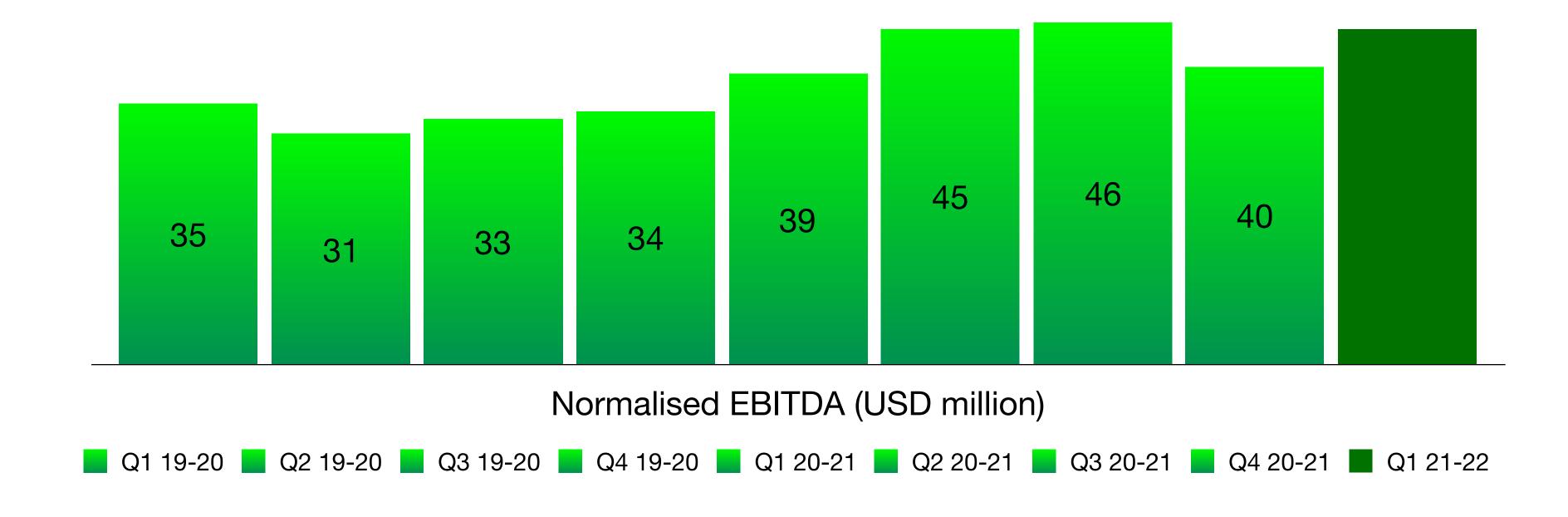
### Awards

Thai subsidiary PTL won the Money & Banking Awards 2020 in the 'Best Public Company' Category





### First Quarter 21-22 Guidance



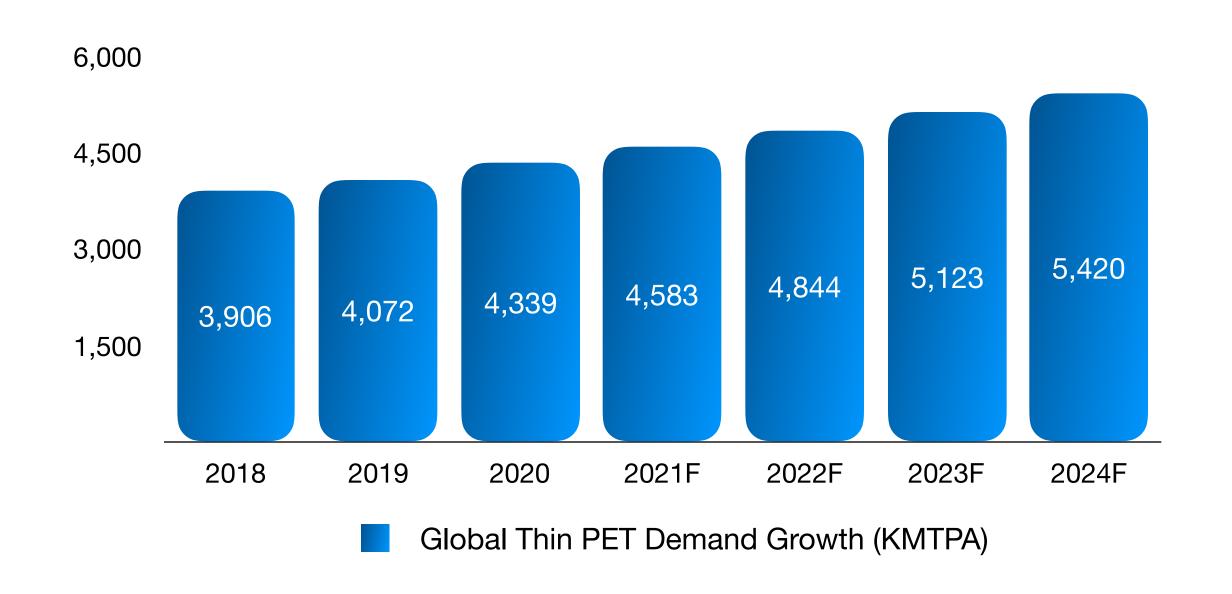
The forward-looking statements reflect Polyplex's expectations of its next quarter earnings. These are based on certain assumptions as on date and are subject to significant risks and uncertainties, as they could be substantially influenced by several factors which are beyond Company's control including, but not limited to, fluctuations in foreign exchange rates, changes in key raw material prices, changes in market dynamics, impact of consolidation of subsidiaries and any unexpected production down times due to machinery breakdown, unforeseen delays in project start up etc. The Company does not make any representation, warranty or prediction that the results anticipated by such forward-looking statements will actually be achieved.

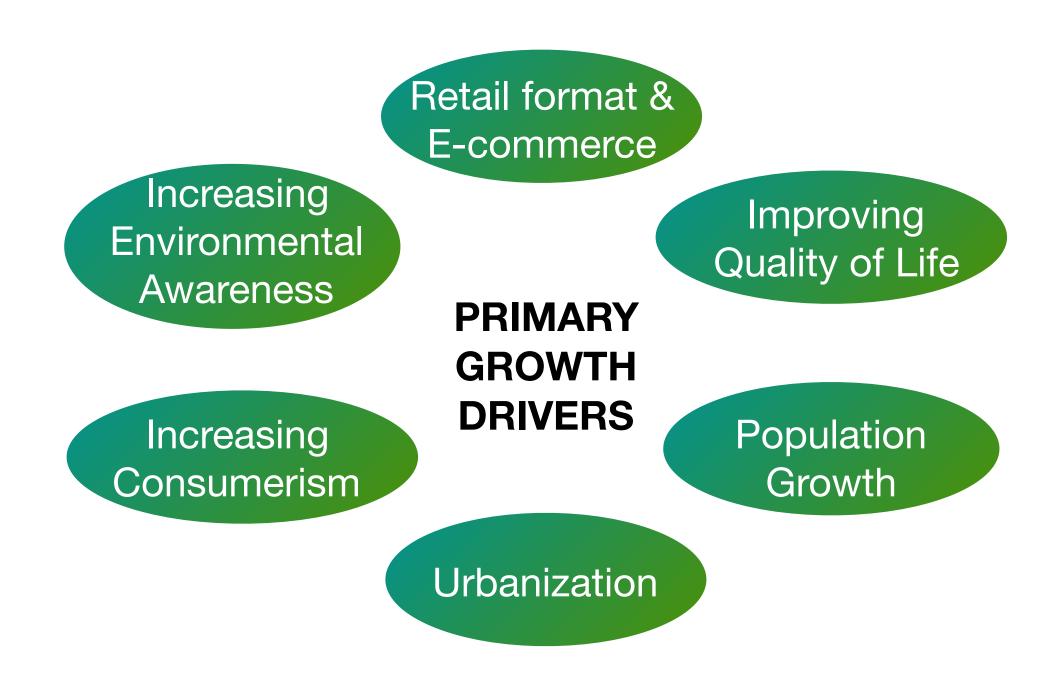


# Continuous and high growth in demand



### **Global Demand Growth**





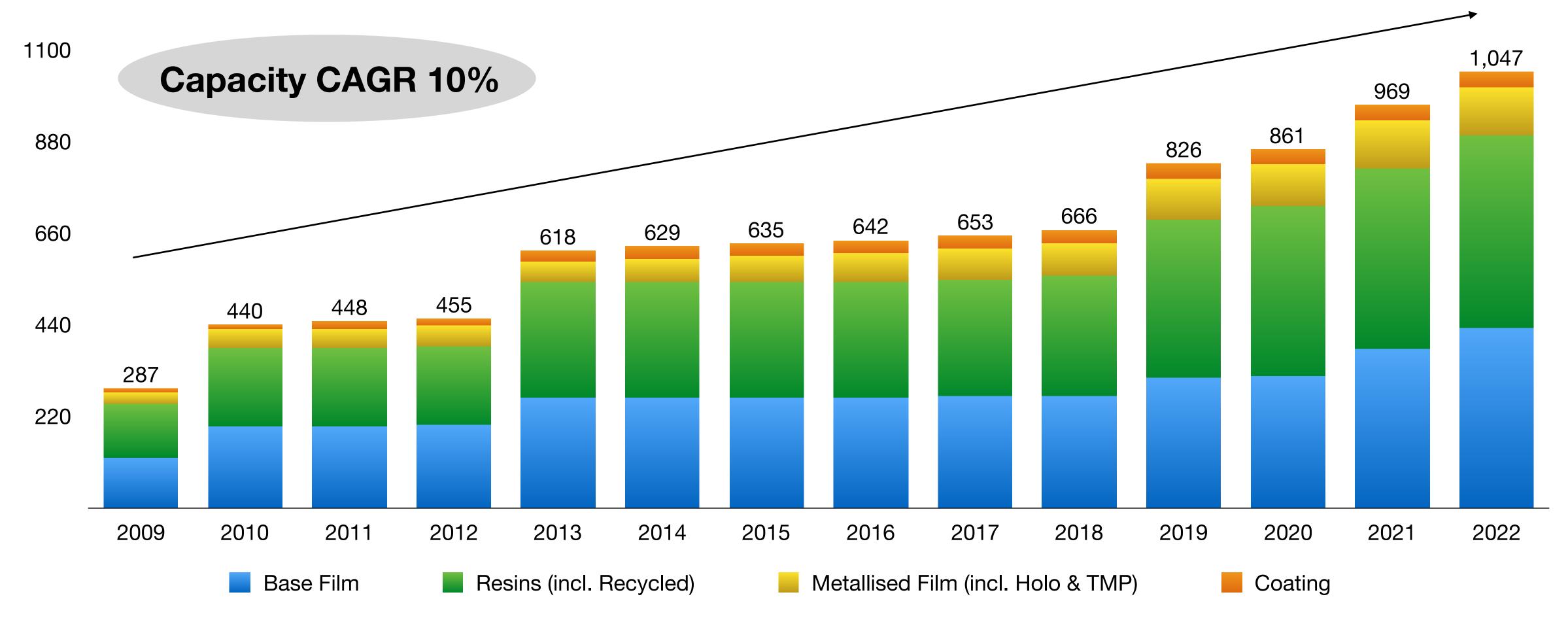
- Demand growing at 5-6% due to design versatility, resource economy, low carbon footprint, cost advantage and retail format/packaging innovations
- Versatility and high performance of polyester film leads itself to a wide range of 100+ applications in both industrial & consumer staples and consumer discretionary sector
- Newer applications like healthcare could result in new stream of sustainable demand growth



### Continuous Growth

Polyplex growth more that the average market growth rate

Capacity is in '000 MT

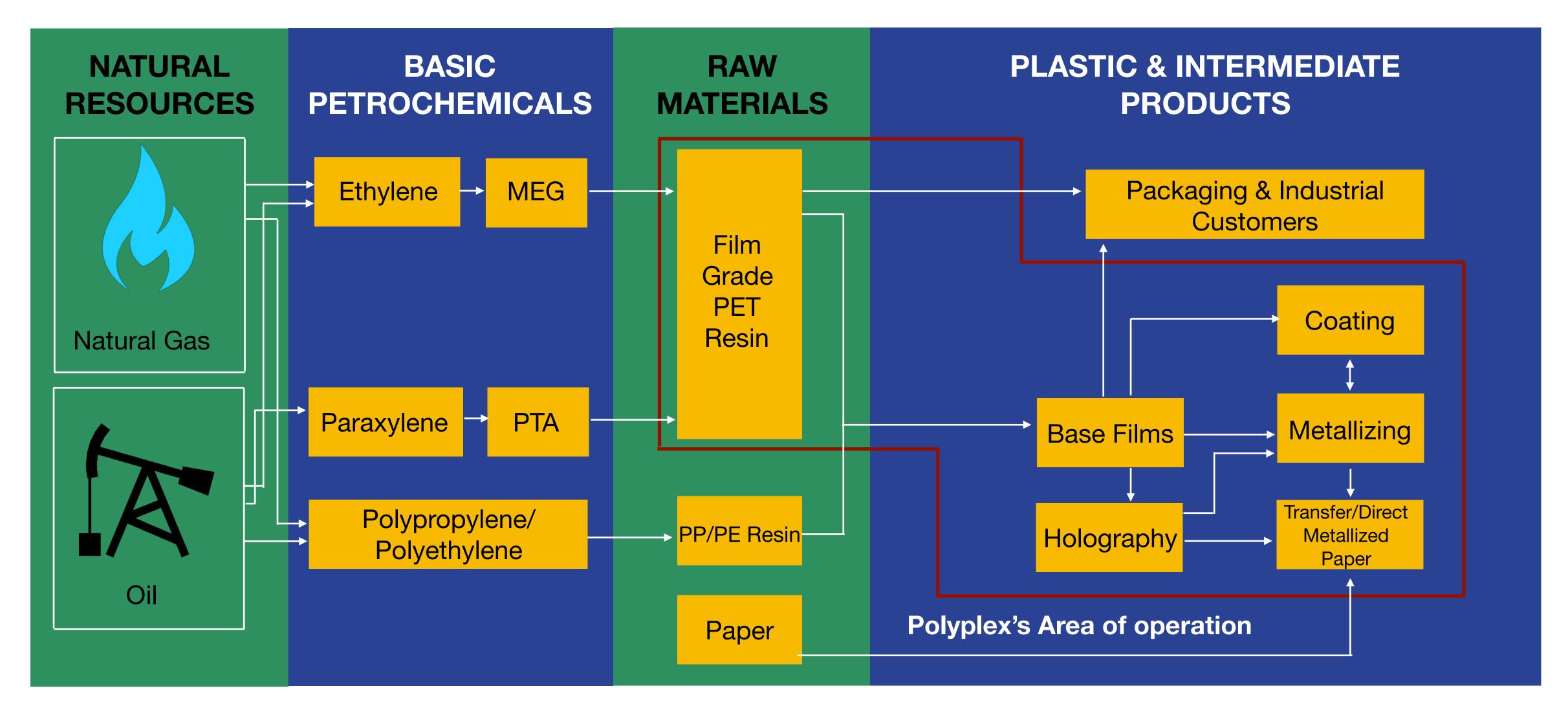




# Stable earning across business cycles



### Value Chain





### **Product Applications**

By Customer Segment - Packaging

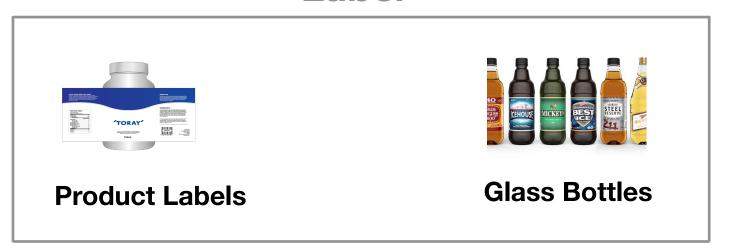
#### **Food**



### Personal Care - Health & Hygiene



### Label

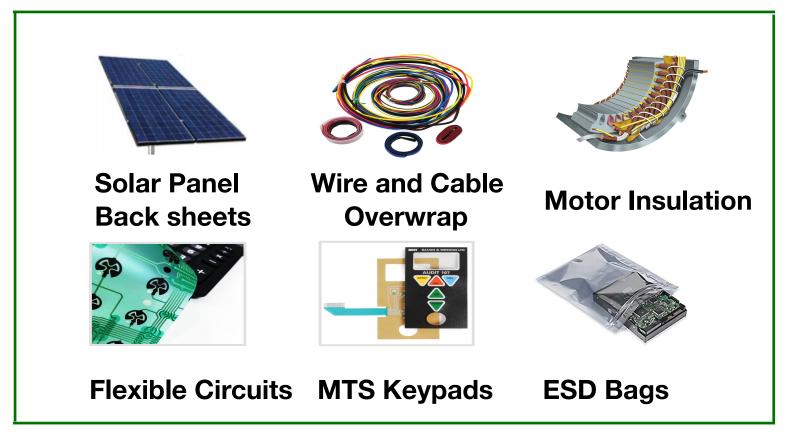




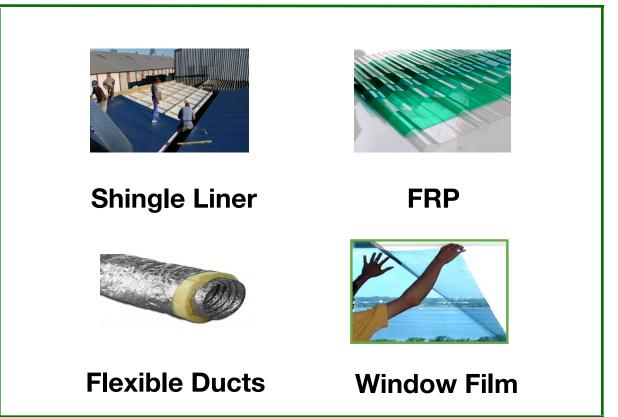
### **Product Applications**

By Customer Segment - Industrial

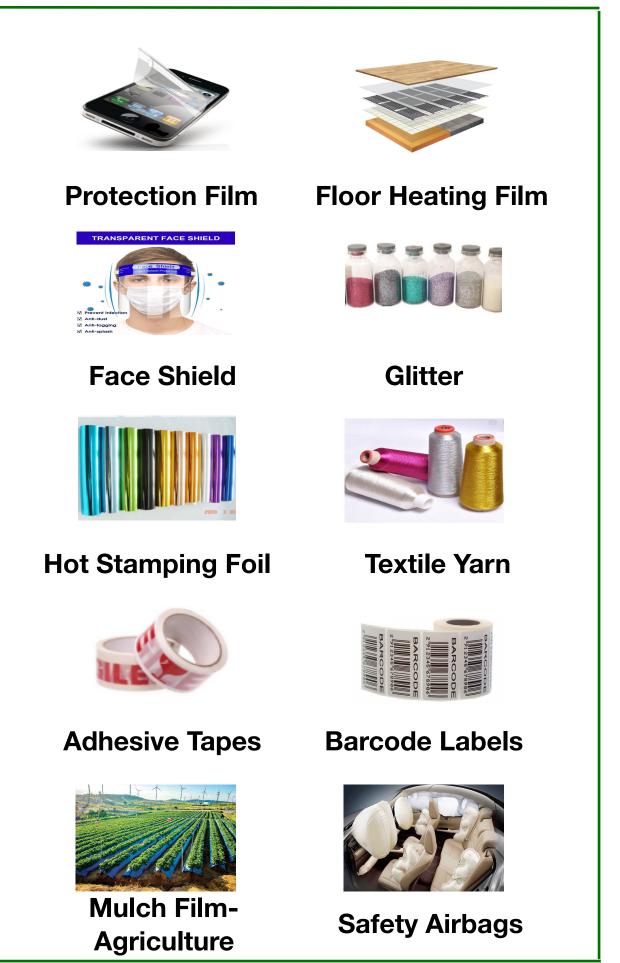
#### Electrical & Electronic



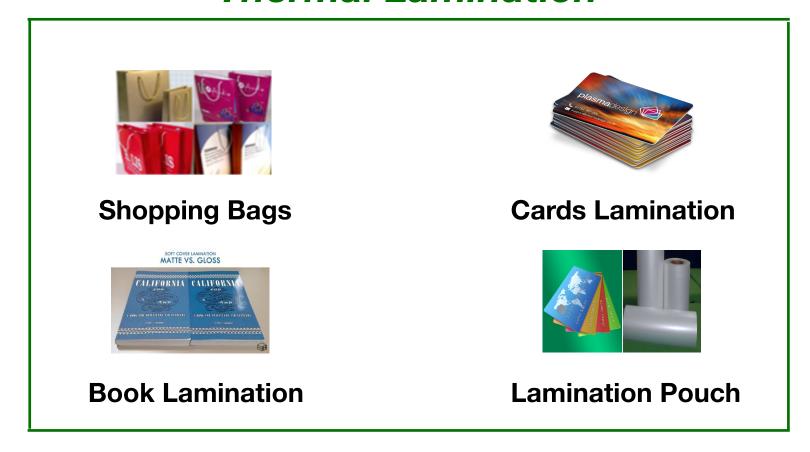
### **Building & Construction**



### onstruction Countless Others



### Thermal Lamination



### Digital Printing



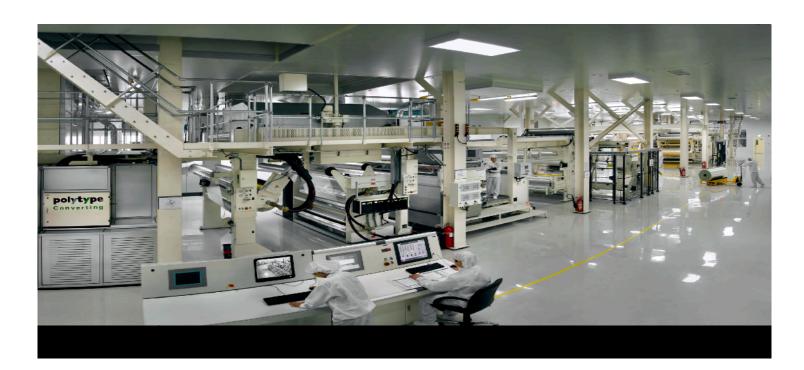
# Strong R&D Capability



A separate R&D department registered with the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology (India)



15 dedicated personnel in Corporate R&D supplemented by local technical service and R&D team having significant experience in chemicals, coatings, resin, customer process and relevant fields



Focus on providing innovative solutions to customers.
Collaborative Research with govt. labs and educational institutes

No. of Patents granted - 27 No. of Patents under filing - 9

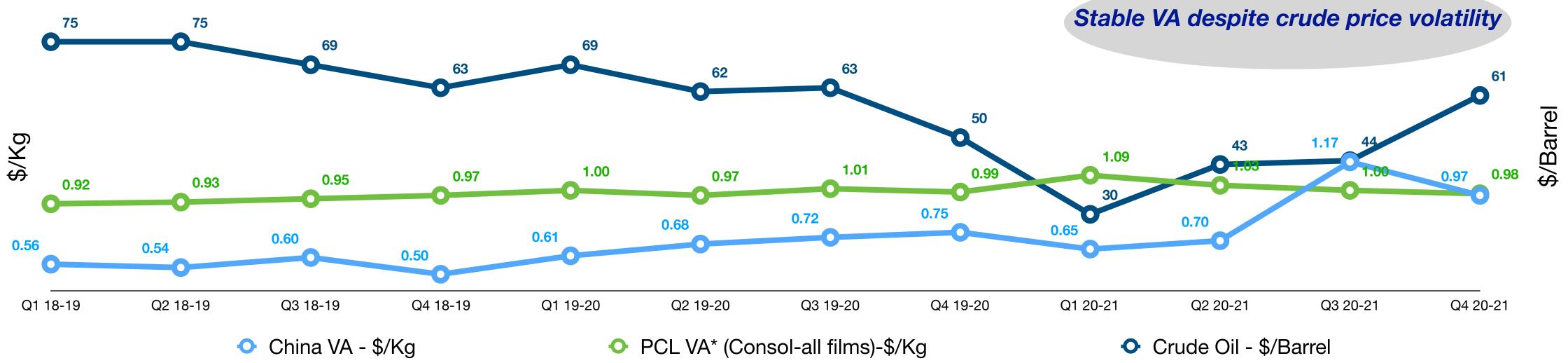
(Across products, processes & countries)

No. of Trademarks granted - 6 No. of Trademarks under filing - 5 (Across brands and countries)



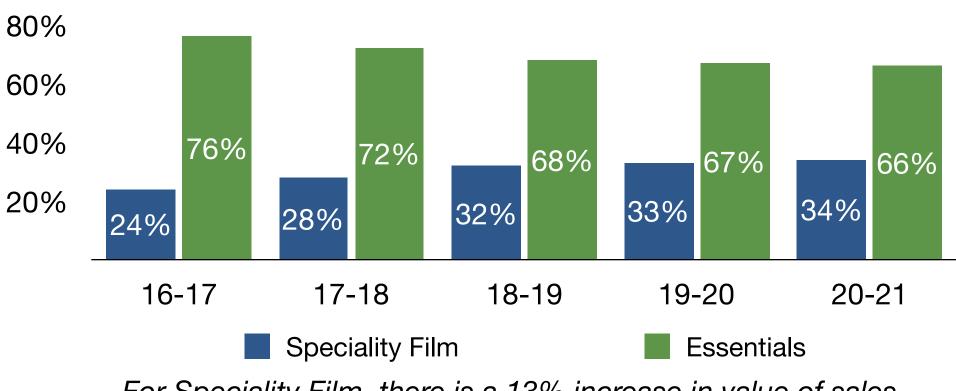
# **VA Stability**

#### PCL VA v/s China VA v/s Crude

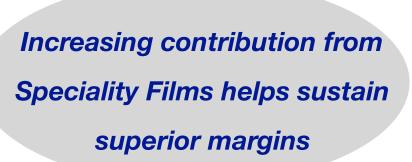


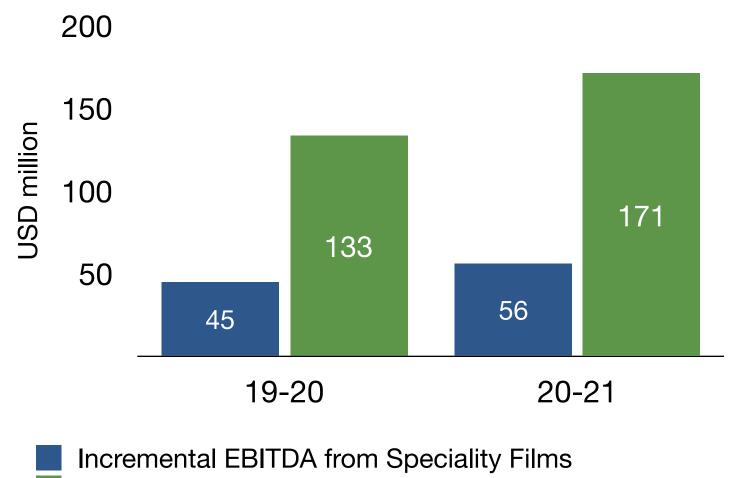
- China VA in Q3 & Q4 20-21 is an aberration as demand for PET film suddenly spiked since early October due to pent-up downstream demand arising out of impact of Covid further compounded by low inventory in the pipeline.
- Polyplex lag effect due to monthly/quarterly pricing v/s spot pricing in China and continuous increase in raw material prices
- \* PCL VA is after adjusting for consolidation impact of FX on change in stock

### **Speciality Film Share in Turnover**



For Speciality Film, there is a 13% increase in value of sales from FY 19-20 to FY 20-21





Total Normalised EBITDA (incl. Speciality Films)



### Grow Sustainable Business Line

### Introduce Sustainable Products and Adopt Sustainable Process

To response to global concern over plastic use and develop sustainable business, Polyplex aims to continue introducing sustainable plastic products and transform the business process to be more environmentally friendly.

### Sustainable Products & Solutions



### Introduce Mono-material, Mono-layer Structure and Higher Recyclable Content Products

Example of products: • RPET - with up to 90% PCR content

• BioPET - Bio content 30%

Plastic Free Carton - Use of Transfer/Direct Metallisation for Paper & Board Lamination

Biodegradable films - meeting the requirements of anaerobic Biodegradation either in accelerated land fill or high solids Anaerobic conditions

Down-guaging 8-10 micron



### Introduce Post-Consumer/Industrial Plastic Recycling **Business Line**



ECOBLUE's New upcoming state-of-art recycling line dedicated for hard to recycle materials

### Sustainable Process

### **Adopt Sustainable Processes to enforce** circular economy



Reduce water and energy consumption



• Effective & Efficient waste management



• Increase usage of renewal energy



- Increase sustainable sourcing i.e.
  - Use recycled material
  - Use biomaterials (MEG)

- Collaborate with recyclers in Europe to recycle **Multi Layer Plastics (MLPs)**
- Support development and modernization of plastic waste management infrastructure (Collection, **Segregation and Recycling)**
- Play a leadership role in engaging the industry in sustainability efforts
- **Engagement of external** consultant to develop long term sustainability goals, strategy and road map

### **Benefits**



**Increase Product** Variety



**Enhance Business** Sustainability and Support Circular Economy



**Reduce Industrial Process Waste** 



Minimize Usage of Fossil Fuels Consumption in **Production** 

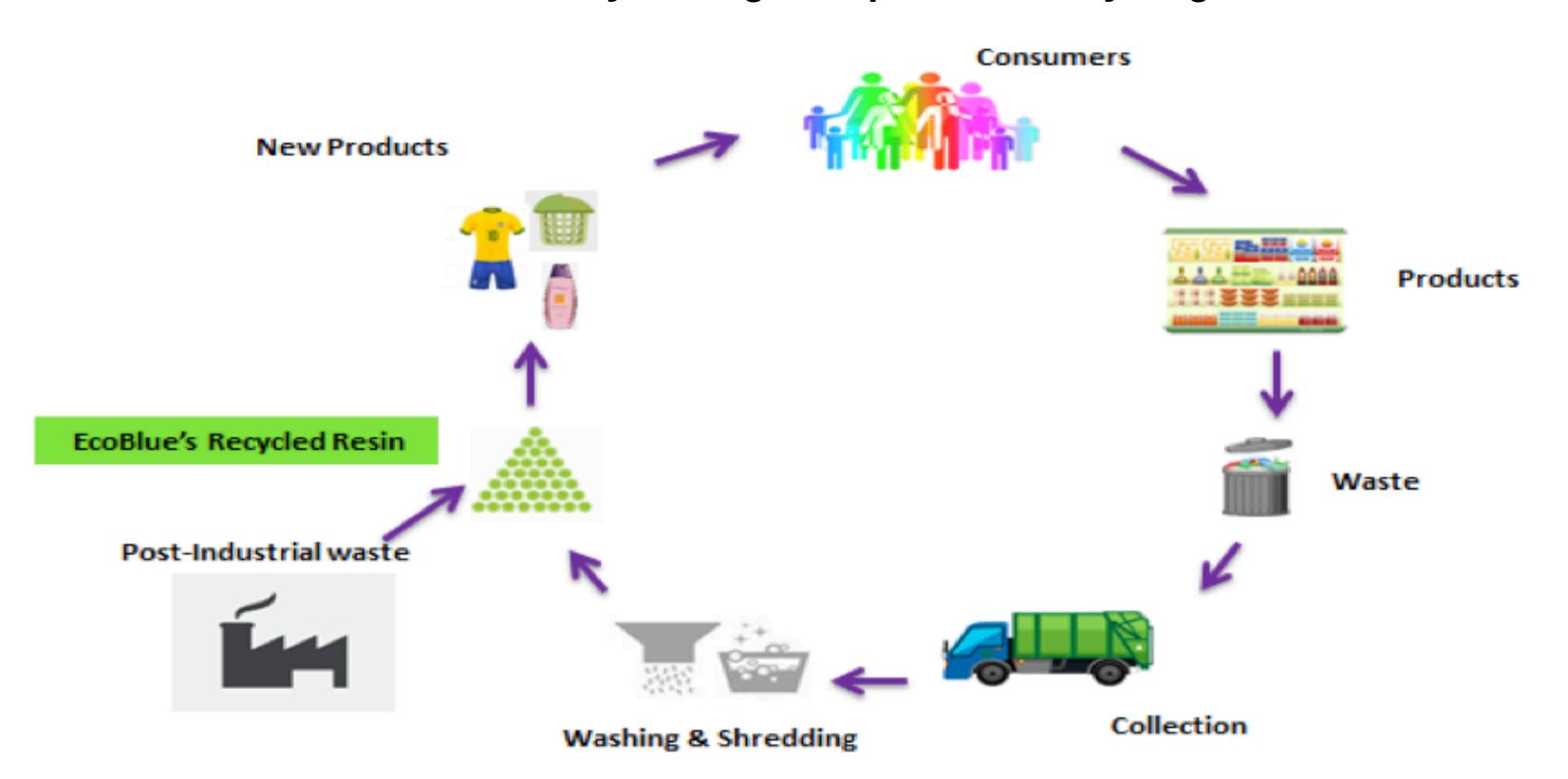


# Polyplex & Sustainability

### Ecoblue Limited, Thailand provides sustainable solutions for the packaging and apparel industry

- US FDA & GRS approved 3D Pure rPET resin for bottle, film and polyester yarn applications
- New state of the art facility being setup to provide complete solution for recycled PET, PP and PE materials
- Pioneers in recycling of hard-to-recycle materials like coated films, laminates & fibre waste with oils

### **Circularity Through Responsible Recycling**





# Industry Outlook

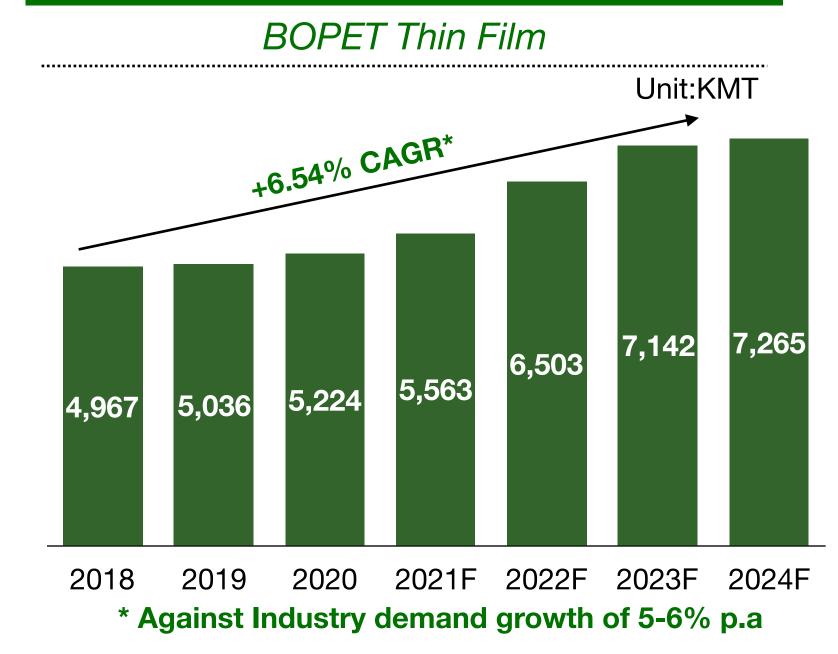
#### **OUTLOOK**

- Approx.1.8 Million Tons of Capacity (more than 56% in China) to be further added in Thin PET by 2024 globally
- Changing cost dynamics may result in closure/underutilization of older lines
- Constant up-gradation in technology (10.6 mtr wide line) to remain a challenge for industry players stuck with mostly legacy assets for standard films
- Raw Material Price Outlook: Crude Oil prices have recovered from post Covid lows expected to remain range bound
- Sharp spike in export freight rates since Oct'20 expected to continue into most of 2021 before normalising gradually
- Trend towards De Globalisation, Protectionism and preference for local & regional Suppliers
- Concerns around Sustainability usefulness of plastics (incl. SUPs) in focus during on-going
   Covid crisis

#### **POLYPLEX-STRENGTHS**

- Leverage our local presence in various geographies-Quick turnaround, urgent delivery, onshore and near-shore services, customer relationship and intimacy
- Focus on speciality and high value added products thus making earnings more predictable
- Likely impact on margins to be made up by contribution from new capacities and improvement in product portfolio

### **Expected Total Capacity in the Industry**



- Competitive cost structure (on DDP basis) helps sustain competitive advantage
- Pricing is a function of demand/supply-effect of crude is limited as RM
   Prices are passed through to customers with a varying lag
- Tax Efficient Structure
- Ongoing Capex on various line upgrades to enable optimal utilisation of assets.



### **Growth Plans**

Projects	Location	Capital Cost (In USD million)	Likely Start Up
Brownfield - BOPP	Indonesia	52	H1 FY 21-22
Brownfield - BOPET	USA	83	H2 FY 22-23
Other Projects	India	3	Upto Q3 FY 21-22
Other Projects	Overseas	43	Upto Q4 FY 21-22
Total		181	

Note:

Includes Post Consumer Bottle Recycling Project (Ecoblue, Thailand)

### **Brownfield BOPP Project (Indonesia)**

10.4 Meter Line - 60 KTPA Film Capacity, 5 layer machine with inline coating Capex: 52 Million USD

\*Board Approved June'19

\*25 Million USD funding confirmed

\*Estimated Date of Start Up H1 FY 2021-22



### **Brownfield BOPP Project:**

 Expansion in BOPP segment will enable the Company broaden its product offering in the regional markets and also help mitigate certain risks on the sustainability front

### **Benefits related to on-going Other Projects:**

- 1.Expansion of product portfolio
- 2.De-bottlenecking of existing film lines
- 3.Increasing the share of speciality films
- 4. Recycling Project additional step towards sustainability

### **Brownfield BOPET Project (US)**

10.6 Meter Line - 50 KTPA Film Capacity, 650 mpm design speed Resin plant de-bottlenecking - increase in capacity from 58 KTPA to 86 KTPA Capex: 83 Million USD

\*Board Approved Sep'20

\*Estimated Date of Start Up H2 FY 2022-23

#### **Brownfield BOPET Project:**

- This expansion would help tap into the growing shift towards local supply in regional markets and to pull market share away from imports
- Move towards market leadership position in the USA with reduction in overall unit cost significantly



### Annexures

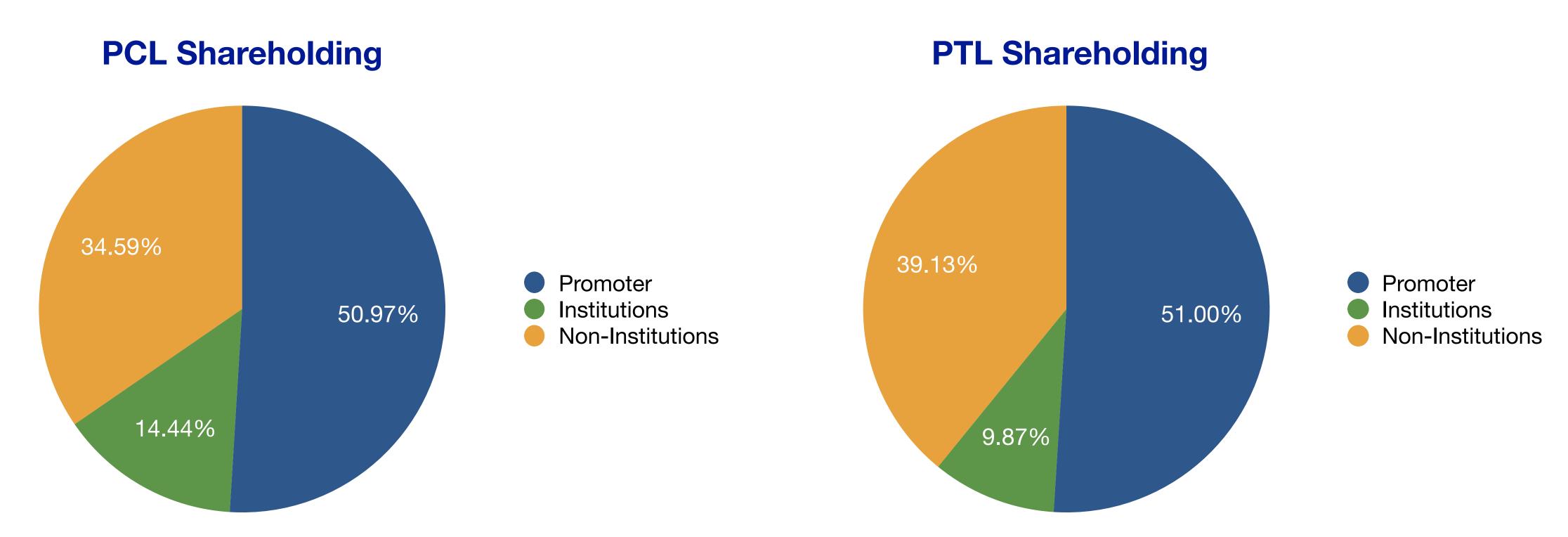
### Contents

- Shareholding Pattern
- Group Structure



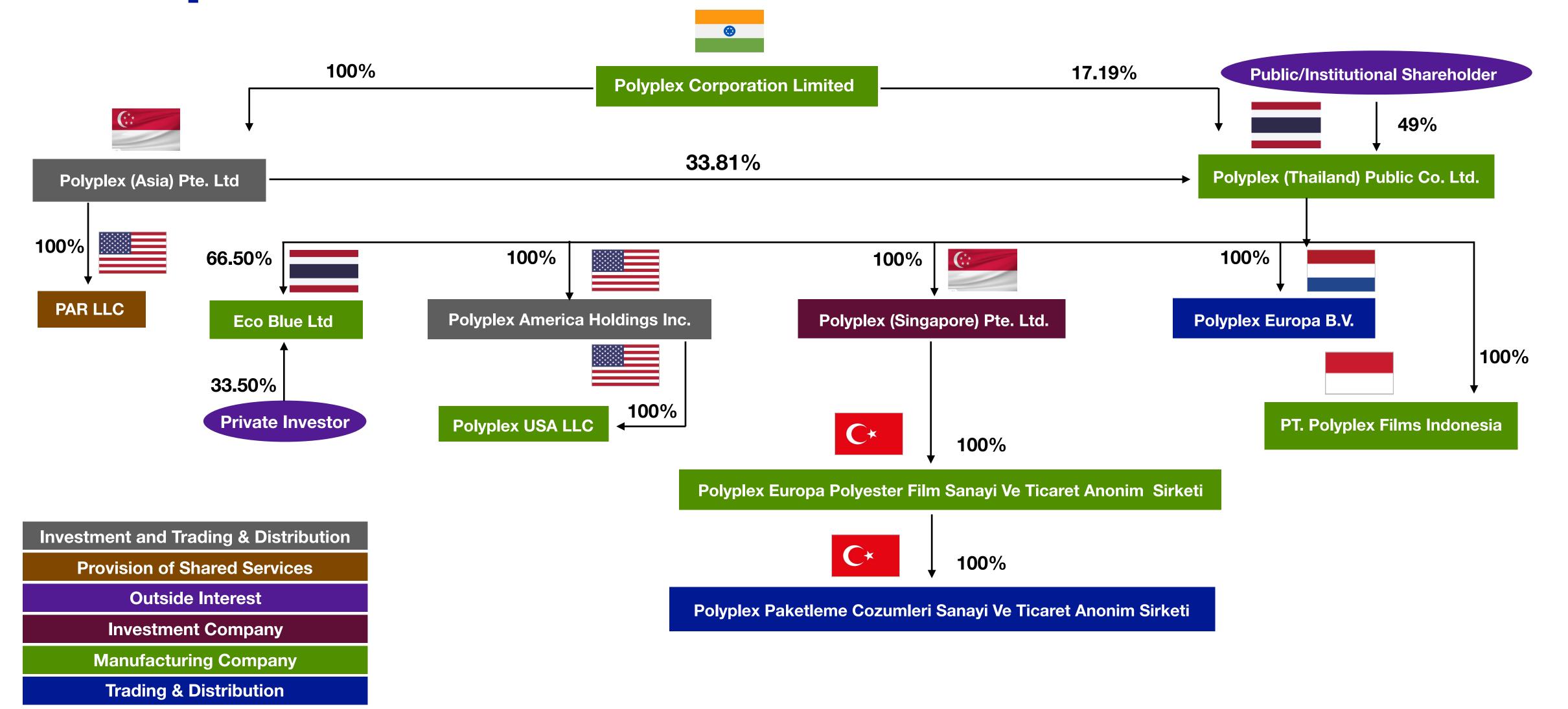
# Shareholding Pattern

- Polyplex Corporation Limited (PCL) is the Group Holding Company
- PCL's economic interest in the overseas businesses is 51%
- PCL listed on BSE/NSE in India and the Thai subsidiary (PTL) on the Stock Exchange of Thailand (SET)
- Shareholding of the Company (as on 31st Mar'21) is as below:





# Group Structure



Note: Polyplex Trading (Shenzhen) Co. Ltd (PTSL), China which was engaged in trading & distribution has been liquidated in June 2020



### Disclaimer

- This presentation may contain forward-looking statements which are based on the Company's current expectations and estimates about the industry, management's beliefs and various other assumptions. These forward-looking statements are subject to various risks, uncertainties and other factors, some of which maybe beyond our control. No assurance is given with regard to future events or the actual results, which may differ materially from those projected herein.
- This presentation does not constitute an offer to sell or a solicitation of an offer to buy or sell PCL stock and in no event shall the Company be held responsible or liable for any damages or lost opportunities resulting from use of this material.
- Numbers for previous periods may have been regrouped/rearranged/reworked for comparison purpose and for better analysis.
- Financial information provided in US Dollars have been illustratively translated from reported financial
  information in Indian Rupees to US Dollars using simple average of daily exchange rates for the respective
  applicable period(s) for the P&L related items and respective period ending exchange rate(s) for the Balance
  Sheet related items.
- Growth rates have been calculated based on reported INR financial information.



# Thank You



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PTL Symbol:









Symbol: ISIN:

**POLYPLEX** INE633B01018



**Polyplex India** 

# Glossary

- EBITDA: Earning before interest, tax, depreciation and amortisation
- PCL: Polyplex Corporation Limited
- PTL: Polyplex (Thailand) Public Company Limited
- PE: Polyplex Europa Polyester Film Sanayi Ve Ticaret Anonim Sirketi
- PU: Polyplex USA LLC
- PFI: PT Polyplex Films Indonesia
- WOS: Wholly Owned Subsidiary
- RoW: Rest of the World
- PET: Polyethylene Terephthalate
- BOPP: Biaxially Oriented Polypropylene
- CPP: Cast Polypropylene
- TMP: Transfer Metallized Paper
- TRI: Total Return Index
- VA: Value Addition
- DDP: Delivered Duty Paid
- MEG: Mono Ethylene Glycol
- PTA: Purified Terephthalic Acid
- RM: Raw Material

