



NPD PRODUCTS

B.C. Jindal Group Overview

Established in 1952, the B.C. Jindal Group is one of India's leading corporate houses



B.C. JINDAL GROUP

Jindal Films (USA and Europe Business)

- Acquired in September 2013
- Offers value-add specialty films in the premium segment
- Global Innovation and R&D centres in Belgium and US

Jindal Poly Films Ltd. (India Business)

Founded in 1984
Industry leader in India with a major market share in BOPP, BOPET & CPP films
World's largest single-location manufacturing facility at Nashik, India

Rexor SA France

- Acquired in 2003
- Major player in luxury packaging and a leader in tear tapes and film wrap in Europe

Treofan Germany

- Acquired in 2018
- Major player in packaging and a leader in tobacco overwraps, labels and coated films

Global Nonwovens Division (India)

- Became part of the group in 2014
- Provides PP-based non-woven packaging solutions
- Achieved major qualification with 3 top established FMCG brands

The Group has evolved over a period of 65 years to offer flexible packaging solutions, non-woven packaging solutions

Manufacturing Setup

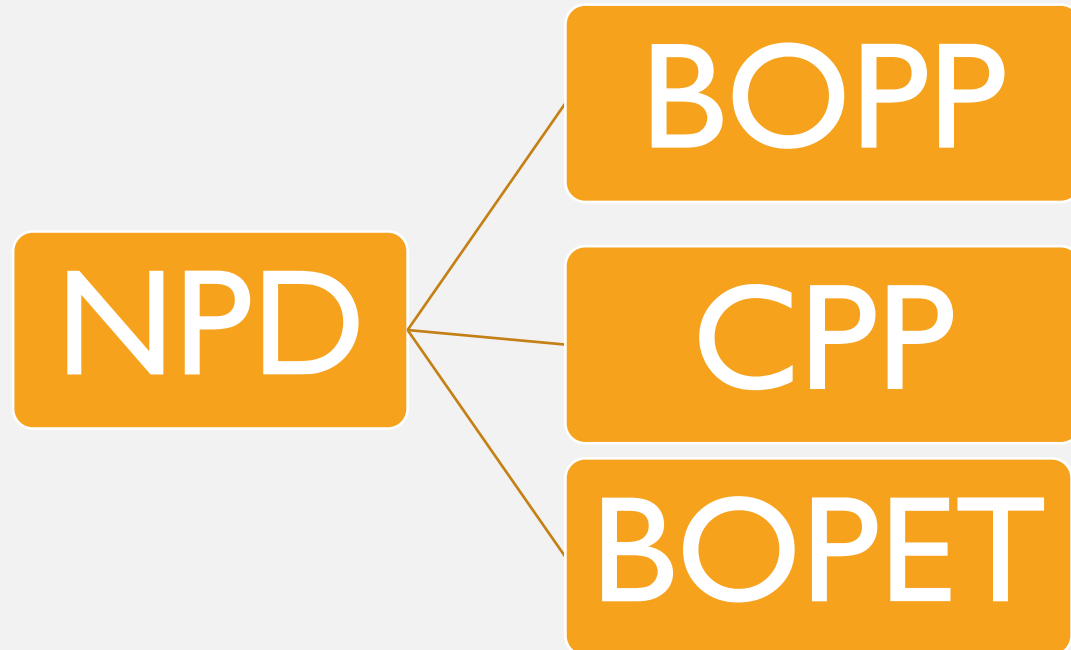


No. of Manufacturing Lines

	BOPET	BOPP	Coating	Metalizing	Cast Films	Non - Woven	Blown Extrusion
Jindal Poly Films India	6	8	3	14	2	1	
Jindal Film Europe		10	5	3			
Jindal Films America		7	3	2			
Treofan Europe		7					2
API Laminates							
Rexor France			3	1			
	6	32	14	20	2	1	2

Jindal Group is one of the top 2 BOPP players in the world, 11 Manufacturing plants spread across 3 continents

NPD VERTICALS



BOPP FILM SEGMENTS

SEGMENTS



Cold Seal release



Crack resistant metallized film



Heat resistant film



Antiskid Film



Wrap Around Labels



Lap Seal



Low SIT high Hot tack



Overwrap



Biodegradable film

Available Grades	<ul style="list-style-type: none"> • NI-CSR • NI-SMR • NI-MTR 	<ul style="list-style-type: none"> • HI-EHD • HI-EHB 	<ul style="list-style-type: none"> • NI-HR • N2-HR 	<ul style="list-style-type: none"> • HI-VHCF • H2-MTHCF 	<ul style="list-style-type: none"> • H2-PLW • H2-PGW • H2-PHW • HI-PMD • Thick H2-PLW 	HI-HS	<ul style="list-style-type: none"> • HI-AMD • HI-UMB • HI-UUB • HI-UUD 	<ul style="list-style-type: none"> • H0-CG • H0-CGS • H0-GPW • HI-HS • HI-PUUS • HI-SMT • H2-PHW 	NI-BGX
USP	Anti blocking property for CSR App	Extrusion Lamination	To replace top layer PET in Laminates	High COF film for stacking application	Grades in diff densities for yield benefit	A2B sealing, Low COF (0.25-0.30) High Speed	SIT range from 85-95 Deg C and OD range from 2.2-2.8	Shrinkage in the range of 3-9% with COF 0.15-0.20	Naturally Biodegradable (99%)

CPP FILM SEGMENTS

SEGMENTS



Crack Resistant Metallised Film



Antiskid Film



Low COF Film



High Bond Metallized



Retort CPP



Bread Grade CPP



Low SIT high Hot tack

Available Grades

- CPHI-ECIMD
- CPHI-ECMD

CPWHI-OPHCF

CPTHI-PLCF

- CPHI-EMD
- CPHI-EMDH
- CPHI-ELSHB
- CPHI-ELSIMD

CPTHI-RT

- CPTHI-BR
- CPTHI-BRD
- CPTHI-BRS
- CPTSI-BR

CPHI-LSIMD, CPHI-USHB, CPHI-USMD, CPHI-EBIMB, CPTHI-LSIPL, CPTHI-LSPL, CPTHI-USPL, CPTHIUSIPL, CPWHI-LSIOP, CPWHI-USOP, CPWHI-USOPN

USP

Extrusion Lamination

COF in range of 0.4-0.6

High speed machine application with COF 0.15

Metal Bond Strength >100g/25mm, OD ranges in 2.2 and 2.8

High seal strength of more than 2500 is available in this grade, retort temp 130 Deg for 30 min

Available in Sterilizable and freezing grade

SIT range from 85-95

BOPET FILM SEGMENTS

SEGMENTS



Alcohol Packaging



Low Oligomer



PCR PET



White Twist Wrap



Board Lamination



AFR/Barrier Metallized



PET G Shrink Label

Available Grades	<ul style="list-style-type: none"> • J-264 • J-264MI 	J-475	<ul style="list-style-type: none"> • J-201R1 • J-201R2 • J-201R3 • J-201R4 • J-201R5 • J-201R6 	<ul style="list-style-type: none"> • J-681 • J-682 • J-683 	<ul style="list-style-type: none"> • J-336 & J-337 • J-337MI • J-347M3 • J-347 	<ul style="list-style-type: none"> • J281M5 • J282M5 	<ul style="list-style-type: none"> • J-852 • J-853
USP	For application <50% alcohol conc, suitable for hot fill application	white polyester film having low oligomer content, Good electrical insulation, strength and chemical resistance	Environment friendly, 40-90% Post Consumer Recyclate Content	Excellent Twist retention and dead fold characteristics	Suitable for UV/Surface printing applications	High Barrier film for sandwich layer in 3 ply laminate structure, WVTR – 0.3, OTR – 0.4	Available in 30-50 microns in 70/80% shrinkage, to replace PVC shrink labels



THANK YOU