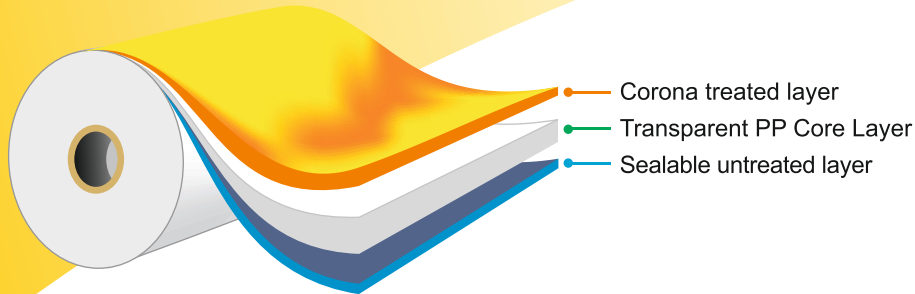


COSMOCPP TRANSPARENT HIGH SPEED PACKAGING

Structure



Description

It is a co-extruded, one side heat sealable and one side treated cast polypropylene film. This film is specifically designed to be the sealant layer for retort pouches.

Features

- High heat seal strength
- Good Hot Tack
- Good ink adhesion

Applications

- Use for retort lamination
- Stand-up pouch applications
- Gusseted and non-gusseted pouches

Typical Retort Structure

- PET/Ink/Adh/Foil/Adh/Nylon/Adh/40 HST-1 (RT) CPP
- PET/Ink/Adh/Foil/Adh/40 HST-1 (RT) CPP
- PET/Ink/Adh/Nylon/Adh/40 HST-1 (RT) CPP

Provisional Data Sheet

Properties	Ref.	Units	Astm # / Test Method	70 HST-1 (RT) CPP
Physical Data				
Average Thickness		micron	D-374-C	70
		gauge		280
Thickness Variation		% (±)		5
Density		g/cc		0.910
Average Substance		g/m ²		63.7
Surface tension (min.)		dynes/cm	D-2578	38
Kinetic COF	UT/UT		D-1894	0.85 - 0.93
Yield		m ² /Kg	D-4321	15.69
Optical Data				
Haze		%	D-1003	3.4 - 4.3
Mechanical Data				
Tensile Strength	MD	kg/ cm ²	D-882	240 - 260
	TD			180 - 210
Elongation	MD	%	D-882	> 575
	TD			> 575
Thermal Data				
Seal Initiation Temp.		°C	CTM	135
Heat Seal Strength (min)		g/25mm	CTM	2000- 2700
Barrier Data				
MVTR (38°C, 90%RH)		g/m ² /day	F-1249	2

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction UT : Untreated
Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.