

Technical Information

KSR - Semi Retort CPP Films

Standard Thickness 40, 50, 60, 70 microns

- Description : A Coextruded Cast Polypropylene Film for semi retort packaging.
 Application : **KSR** is usually applied for dry-lamination with NYLON or PET
 Treatment : One side corona treated.
 Features : - Heat resistance at 120°C
 - Good moisture barrier.
 - Excellent heat seal strength

PROPERTIES	TESTINGS METHOD	TYPICAL VALUE (60)*	UNIT
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MECHANICAL

Tensile Strength	MD	ASTM D - 882	> 4.0	Kg / mm ²
	TD		> 2.0	
Elongation	MD	ASTM D - 882	> 500	%
	TD		> 500	

PHYSICAL

Coefficient of Friction	Film to Film (Ntr/ntr)	ASTM D - 1894	0.6 Max	-
Haze		ASTM D - 1003	8.0 Max	%
Heat Seal Range		-	130 - 145	°C
Heat Seal Strength		BTI Methode 140°C / 1bar / 1 sec	> 800	g / 15mm

THERMAL

Thermal Shrinkage (AT 120 °C / 15Min)	MD	ASTM D - 1204	1.0 Max	%
	TD		1.0 Max	

BARRIER

WVTR		ASTM F- 1249	< 6	g / m ² / day 38°C / 90% RH
O ₂ TR		ASTM F - 1927	< 1500	cc / m ² / day 23°C
Corona (Surface Tension)		ASTM D - 2578	≥ 38	Dyne / Cm

*) The Above data are given for reference only

GENERAL INFORMATION

- Slit Width mm. - As per customer requirement
- Standard Length meter - 2.000 / 3.000 / 4.000

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