



Data Sheet
Date Prepared:

RANDOM PP R140H

Application / Use Case

Film / CPP co-extrusion, Retort pouch

Characteristics

High Transparency, High Gloss, Low temp heat sealing

Specification

	Specification	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Index	6.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	>50	kg·cm/cm	ASTM D256
Softening Point(Vicat)	120	°C	ASTM D1525
Tensile Strength at Yield	250	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	10000	kg/cm ²	ASTM D790
Spiral Flow	550	mm	SK Method
Hardness(Rockwell)	78	R Scale	ASTM D785
Heat Distortion Temperature	75	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012
Mold Shrinkage	1.5 – 2.0	%	SK Method

These are typical properties only, and are not to be construed as specific limits.

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