

YUPLENE® R140H

Polypropylene Random Copolymer

SK Global Chemical

Message:

YUPLENE® R140H is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by coextruded film or film extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Film.

Characteristics include:

Good Sealability

High Gloss

General Information	
Features	High Gloss
	Low Temperature Heat Sealability
Uses	Film
Appearance	Clear/Transparent
Processing Method	Coextruded Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Spiral Flow	55.0	cm	Internal Method
Molding Shrinkage - Flow	1.5 to 2.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	78		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 490	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method
Accelerated Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	75	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525

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