

YUPLENE® R940F

Polypropylene Random Copolymer

SK Global Chemical

Message:

YUPLENE® R940F is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific, Europe, or North America.
Typical application: Food Contact Applications.

General Information			
Agency Ratings		FDA 21 CFR 177.1520	
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.8	g/10 min	ASTM D1238
Spiral Flow	55.0	cm	
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	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	> 98	J/m	
23°C	> 490	J/m	
Aging	Nominal Value	Unit	Test Method
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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