

KMI PP KM-Y293R

Polypropylene Random Copolymer

KMI Group, Inc.

Message:

KM-Y293R is a random polypropylene used in injection molding. It has excellent transparency. The high flow makes this product suitable for various large size home appliances and thin wall products. It can be used for food packaging, packaging container, and various home appliances.

General Information			
Features	High liquidity		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Thin wall parts		
	Electrical appliances		
	Container		
	Food packaging		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	75	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Break)	> 250	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	128	°C	ASTM D1525
Heat Deflection Temperature	104	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	7.0	%	ASTM D1003

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