

WELNEX™ RFG4VM

Polypropylene Random Copolymer
Japan Polychem Corporation

Message:

WELNEX™ RFG4VM is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	54		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	320	MPa	ISO 527-2
Tensile Stress (Yield)	12.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	> 500	%	ISO 527-2
Flexural Modulus	280	MPa	ISO 178
Flexural Stress	12.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179
0°C	15	kJ/m²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	115	°C	ISO 306
Optical	Nominal Value	Unit	Test Method
Gardner Gloss	90		ASTM D523
Haze (1000 µm)	25	%	ASTM D1003

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