

WINTEC™ WFX6

Polypropylene Random Copolymer
Japan Polychem Corporation

Message:

WINTEC™ WFX6 is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific. Typical application: Film.

General Information			
Uses	Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 1.4	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	70		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	750	MPa	ISO 527-2
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	> 400	%	ISO 527-2
Flexural Modulus	700	MPa	ISO 178
Flexural Stress	25.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179
0°C	3.0	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	110	°C	ISO 306
Optical	Nominal Value	Unit	Test Method
Gardner Gloss	90		ASTM D523
Haze			ISO 14782
1000 μm	25	%	
2000 μm	75	%	

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