

WINTEC™ WMG03UX

Polypropylene Random Copolymer

Japan Polychem Corporation

Message:

Features:

High gloss

Good transparency

General Information			
Features	High Clarity		
	High Gloss		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	30	g/10 min	ISO 1133
Molding Shrinkage	1.4 to 1.6	%	Internal Method
Water Absorption (23°C, 24 hr)	< 0.030	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	3.3	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Gardner Gloss	110		ASTM D523
Haze			ISO 14782
1000 µm	3.0	%	
2000 µm	10	%	

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