

Product Texts

WINTEC™ is a random copolymer PP catalyzed by JPP´ s new generation metallocene catalyst system.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1300	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Flexural strength	39	MPa	ISO 178
Charpy impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eU
Rockwell hardness	R 95	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2

Optical properties	Value	Unit	Test Standard
ISO Data			
Haze	85 ^[1]	-	ISO 14782
Other Standards^[S]			
Gloss	50	-	ASTM D 523

1: 1mm S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Blown Film Extrusion, Fiber Extrusion, Film Extrusion

Special Characteristics

Transparent

Features

Heat Sealable, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Electrical and Electronical, Medical, Packaging

Regional Availability

Asia Pacific