



Jampilen RP320M

Random Copolymer

JAMPILen Polypropylene

Description: "Jampilen RP320M" is a controlled rheology, slightly modified polypropylene random copolymer for manufacturing high transparent cast films. It contains no slip or antiblocking agents. It offers excellent processability, high clarity and gloss and good heat weldability. Main applications are packaging of foodstuff, books and stationary.
"Jampilen RP320M" is suitable for food contact.

Processing Method: Cast film

Features: High clarity and gloss
Controlled rheology
Good processability
Good heat weldability
Antistatic properties
Random copolymer

Typical Applications: Cast film
Packaging of foodstuff such as sweets, pasta, biscuits and snacks
Packaging of books, stationary, blankets, shirts and hosiery

Approval: Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	8.0	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus (1 mm/min)	900	MPa	ISO 527-1, -2
Tensile Strength at Yield (50 mm/min)	25	MPa	ISO 527-1, -2
Tensile Elongation at Yield (50 mm/min)	11	%	ISO 527-1, -2
Charpy impact strength (Notch A)			ISO 179
23 °C	4.5	kJ/m ²	
-30 °C	1.5	kJ/m ²	
Thermal			
Vicat softening point A50	130	°C	ISO 306
H.D.T. B (0.45 MPa)	68	°C	ISO 75B-1, -2
Optical			
Haze (50 µm)	<1	%	ASTM D1003
Gloss (45°, 50 µm)	91	----	ISO2813

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