

Jampilen RP325M

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP325M is a slightly controlled rheology polypropylene random copolymer for manufacturing high transparent cast films. The product contains slip and antiblock agents. It exhibits very good optical properties and good heat weldability. Main applications Jampilen RP325M are packaging of foodstuff such as sweets, pasta, biscuits and snacks, packaging of books, stationary, blankets, shirts and hosiery. Jampilen RP325M is suitable for food contact.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Controlled Rheology		
	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	Opticals		
	Random Copolymer		
	Slip		
	Weldable		
Uses	Cast Film		
	Food Packaging		
	Packaging		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	900	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Tensile Strain (Yield)	11	%	ISO 527-2
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.20		
vs. Itself - Static	0.20		
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/A


-30°C	1.5	kJ/m ²	
23°C	4.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	68.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 μm)	89		ASTM D2457
Haze (50.0 μm)	< 1.0	%	ASTM D1003

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