

Jampilen RP128M

Polypropylene Terpolymer
Jam Polypropylene Company

Message:

Jampilen RP128M is a low sealing temperature polypropylene. The product is designed for coextruded bioriented polypropylene film and is formulated with a slip and antiblocking package. Jampilen RP128M exhibits very high transparency, excellent gloss and outstanding heat weldability. Films made with this grade show good hot tack and low seal initiation temperature (110 to 115°C). Due to its good flow properties, Jampilen RP128M can be coextruded with polypropylene grades with a relatively high melt flow rate. Coextruded BOPP films combine high resistance to moisture, fats, and oils, with good mechanical and optical properties. Jampilen RP128M is suitable for food contact.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Good Flow		
	High Clarity		
	High Gloss		
	Hot Tack Strength		
	Low Temperature Heat Sealability		
	Moisture Resistant		
	Oil Resistant		
	Opticals		
	Slip		
	Terpolymer		
	Weldable		
Uses	Bi-axially Oriented Film		
	Cosmetic Packaging		
	Film		
	Food Packaging		
	Shrink Wrap		
	Thin-walled Packaging		
Processing Method	Bi-axially Oriented Film		
	Coextruded Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	750	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	65.0	°C	ASTM D648
Vicat Softening Temperature	116	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	85		ASTM D2457
Haze	1.8	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

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