

Jampilen RP210M

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RP210M is a medium modified polypropylene random copolymer for the extrusion of cast and waterquenched blown films and is formulated with a general purpose stabilization package and does not contain any slip or antiblock agents. Jampilen RP210M offers good processability, excellent clarity and gloss and exhibits very good heat weldability. The seal initiation temperature is about 130°C. Jampilen RP210M is designed for quality packaging applications, either as monolayer film or as welding layer in coextruded structures. Due to its excellent weldability, Jampilen RP210M is well suited for lamination to PP-film or other materials such as PA, polyester or aluminum to form the sealing layer.

General Information			
Additive	Unspecified Stabilizer		
Features	Good Processability		
	Good Stability		
	High Clarity		
	High Gloss		
	Low Temperature Heat Sealability		
	Random Copolymer		
Uses	Weldable		
	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Stationary Supplies		
Processing Method	Thin-walled Packaging		
	Blown Film		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	950	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	55	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	78.0	°C	ASTM D648
Vicat Softening Temperature	132	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	90		ASTM D2457
Haze	0.90	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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