

# Jampilen RP215M

Polypropylene Random Copolymer

Jam Polypropylene Company

## Message:

Jampilen RP215M is a medium modified polypropylene random copolymer for the extrusion of cast and waterquenched blown films and is formulated with a slip and antiblock package. Jampilen RP215M offers good processability, excellent clarity and gloss and exhibits very good heat weldability. The seal initiation temperature is about 130°C. This grade is designed for quality packaging applications, either as monolayer film or as welding layer in coextruded structures. Due to its excellent weldability, Jampilen RP215M is well suited for lamination to PP-film or other materials such as PA, polyester or aluminium to form the sealing layer.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Processability		
	High Clarity		
	High Gloss		
	Low Temperature Heat Sealability		
	Random Copolymer		
	Slip		
	Weldable		
Uses	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Stationary Supplies		
	Thin-walled Packaging		
Processing Method	Blown Film		
	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	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 <sup>1</sup>
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	88		ASTM D2457
Haze	1.8	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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#### Recommended distributors for this material

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