



# Jampilen RP215M

Random Copolymer

JAMPILen Polypropylene

## Description:

"Jampilen RP215M" is a medium modified polypropylene random copolymer for the extrusion of cast and water-quenched blown films and is formulated with a slip and antiblack 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.

## Processing Method:

Cast Film  
Water-quenched blown film

## Features:

Very good heat weldability  
Good processability  
Excellent clarity and gloss  
Random copolymer

## Typical Applications:

Monolayer film  
Sealing layer in coextruded films or in laminated structures  
Packaging of foodstuff such as biscuits, sweets, pasta, tea  
Packaging of shirts, knitwear and hosiery  
Stationery folders

## Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	6.0	g/10min	ASTM D1238
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	950	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	55	J/m	ASTM D256
Rockwell Hardness	92	R Scale	ASTM D785
<b>Thermal</b>			
Vicat softening point (10N)	132	°C	ASTM D1525
H.D.T. (0.46 Mpa)	78	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012
<b>Optical</b>			
Haze	1.8	%	ASTM D1003
Gloss	88	----	ASTM D2457

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