



# Jampilen RP325M

Random Copolymer

## Description:

"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.

## Processing Method:

Cast film

## Features:

High clarity  
Controlled rheology  
Good processability  
Good heat weldability  
Unspecified slip and antiblock  
Random copolymer

## Typical Applications:

Cast film  
Packaging of foodstuff such as sweets, pasta, biscuits and snacks  
Packaging of books, stationary, blankets, shirts and hosiery

## Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	8.0	g/10min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ISO 1183
COF (Static & Dynamic)	0.2	----	ASTM D1894
<b>Mechanical</b>			
Tensile Modulus	900	MPa	ISO 527-1, -2
Tensile Strength at Yield	25	MPa	ISO 527-1, -2
Tensile Elongation at Yield	11	%	ISO 527-1, -2
Charpy impact strength (Notch A)			ISO 179
23 °C	4.5	kJ/m <sup>2</sup>	
-30 °C	1.5	kJ/m <sup>2</sup>	
<b>Thermal</b>			
Vicat softening point A/50	130	°C	ISO 306
H.D.T. B (0.45 MPa) Unannealed	68	°C	ISO 75B-1, -2
<b>Optical</b>			
Haze (50 µm)	<1	%	ASTM D1003
Gloss (45°, 50 µm)	89	----	ASTM D2457

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