

Technical Data Sheet



Moplen RP325M

Polypropylene, Random Copolymer

Product Description

Moplen RP325M is a controlled rheology medium modified polypropylene random copolymer. It contains slip and anti-blocking additives.

Moplen RP325M is typically used by customers for manufacturing of cast films.

Moplen RP325M exhibit very good processability and films produced with Moplen RP325M exhibits high clarity high gloss, high softness and good heat weldability.

Regulatory Status

For regulatory compliance information, see Moplen RP325M [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status

Commercial: Active

Availability

Africa-Middle East; Europe

Application

Food Packaging Film; Lamination Film; Stationery Film; Textile Packaging Film

Market

Flexible Packaging

Processing Method

Cast Film

Attribute

Controlled Rheology; Good Heat Seal; High Clarity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.5	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	850	MPa	ISO 178
Tensile Stress at Break	28	MPa	ISO 527-1, -2
Tensile Stress at Yield	25	MPa	ISO 527-1, -2
Tensile Strain at Break	600	%	ISO 527-1, -2
Tensile Strain at Yield	13	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	7	kJ/m ²	ISO 179-1/1eA
(0 °C)	2	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A/50)	135	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	68	°C	ISO 75B-1, -2
Additive			
Slip, Erucamide	2000	ppm	LYB Method
Antiblock	1500	ppm	LYB Method



Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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