

Technical Data Sheet

Moplen RP215MX B



Polypropylene, Random Copolymer

Product Description

Moplen RP215MX B is a polypropylene random copolymer designed for casting film, containing anti-block and slip agent. *Moplen* RP215MX B is suitable for food contact.

Regulatory Status

For regulatory compliance information, see *Moplen* RP215MX B [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Food Packaging Film
Market	Flexible Packaging
Processing Method	Cast Film; Extrusion Flat-die
Attribute	Medium Antiblocking; Medium Slip; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Mechanical			
Tensile Modulus, (23 °C)	920	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	27	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	12	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4.3	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	134	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	75	°C	ISO 75B-1, -2

Notes

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

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

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

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