Technical Data Sheet

Moplen RP2965

Polypropylene, Random Copolymer

Product Description

Moplen RP2965 is a polypropylene random copolymer.
Moplen RP2965 is suitable for injection moulding applications and can also be used in technical compounds. It has a medium melt flow rate and it is supplied in pelletized form.

Regulatory Status

For regulatory compliance information, see *Moplen* RP2965 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Automotive Parts
Market	Automotive
Processing Method	Compounding; Injection Molding
Attribute	Good Chemical Resistance; Good Creep Resistance; Good Heat Resistance; Good Stiffness; Good Toughness; Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1430	MPa	ISO 178
Tensile Stress at Break	22.6	MPa	ISO 527-1, -2
Tensile Stress at Yield	35.4	MPa	ISO 527-1, -2
Tensile Strain at Break	630	%	ISO 527-1, -2
Tensile Strain at Yield	8.4	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.9	kJ/m²	ISO 179
Thermal			
DSC Melting Point	153	°C	DSC

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

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

Processing Techniques

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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