

Moplen RP2965

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

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

General Information			
Features	Rigid, good		
	Good creep resistance		
	Medium liquidity		
	Good chemical resistance		
	Heat resistance, medium		
	Good toughness		
	Random copolymer		
Uses	Composite		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Composite		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield	35.4	MPa	ISO 527-2/50
Fracture	22.6	MPa	ISO 527-2
Tensile Strain			
Yield	8.4	%	ISO 527-2/50
Fracture	630	%	ISO 527-2
Flexural Modulus	1430	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.9	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	153	°C	DSC

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