

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.

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/cm ³	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/m ²	ISO 179
Thermal			
DSC Melting Point	153	°C	DSC