

Borealis PP SR576

Polypropylene

Borealis AG

Message:

SR576 is a polypropylene compound intended for injection moulding.

General Information			
Features	Rigid, good		
	Impact resistance, high		
	Good UV resistance		
	Recyclable materials		
Uses	Car anti-collision bar		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹	830	MPa	ISO 178
Flexural Stress	22.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/Ae
Flammability	Nominal Value	Unit	Test Method
Flammability (1.00 mm)	100	mm/min	ISO 3795
Injection	Nominal Value	Unit	
Mold Temperature	30.0 - 50.0	°C	
Holding Pressure	30.0 - 60.0	MPa	
Injection instructions			
Feeding Temperature: 40 - 80 °C Mass Temperature: 220 - 260 °C Back Pressure: Low to Medium Screw Speed: Low to Medium Flow Front Speed: 100 - 200 mm/s			
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

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