Daplen™ BB077UBB

Compounded Polypropylene

Borealis AG

Message:

Daplen BB077UBB is a polypropylene compound intended for injection moulding.

General Information			
Features	Rigid, good Impact resistance, good Recyclable materials		
Uses	Parts under the hood of a car		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (23°C)	25.0	MPa	ISO 527-2/50
Flexural Modulus [1]	1000	MPa	ISO 178
Flexural Stress	26.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	24	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	45.0	°C	ISO 75-2/Ae
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flammability (1.00 mm)		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 Temperatrue: 40 - 80 °CMass Temperature: 220 - 260 °CBack Pressure: Low to MediumScrew Speed: Low to MediumFlow Front Speed: 100 - 200 mm/s			
NOTE			
1.	2.0 mm/min		

Recommended distributors for this material

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