Borealis PP QB377

Polypropylene

Borealis AG

Message:

QB377 is a polypropylene compound intended for injection moulding.

General Information			
Features	Rigidity, high Recyclable materials High liquidity		
Appearance	White		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	0.992	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	76		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	30.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	5.5	%	ISO 527-2/50
Flexural Modulus [1]	1650	MPa	ISO 178
Flexural Stress	40.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	3.0	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/Ae
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flammability	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 °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		

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China