MAGNUM™ 1250 BG

ABS Resin

Trinseo

Message:

High Impact, High Heat, Blow Molding ABS

General Information			
Features	High Heat Resistance High Impact Resistance		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			
230°C/3.8 kg	1.7	g/10 min	ASTM D1238
220°C/10.0 kg	1.7	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			
Yield	33.6	MPa	ASTM D638
Yield	33.7	MPa	ISO 527-2
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus			
--	2010	MPa	ASTM D790
--	1810	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			
-29°C	190	J/m	ASTM D256
23°C	360	J/m	ASTM D256
-30°C	17	kJ/m²	ISO 180
23°C	26	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			
0.45 MPa, Unannealed	103	°C	ASTM D648
0.45 MPa, Unannealed	101	°C	ISO 75-2/B
1.8 MPa, Unannealed	86.7	°C	ASTM D648
1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A

Recommended distributors for this material

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