

Wondel® B BR0M6

Polyamide 6

Nanjing Julong Engineering Plastics Co., LTD

Message:

Wondel® B BR0M6 is a Polyamide 6 (Nylon 6) material filled with 30% mineral. It is available in Asia Pacific.

Important attributes of Wondel® B BR0M6 are:

- Flame Rated
- Flame Retardant
- High Gloss
- Warp Resistant

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	High Gloss		
	Low Warpage		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.70	%	ISO 294-4
Water Absorption (23°C, 24 hr)	5.5	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Flexural Stress	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	205	°C	ISO 75-2/B
Melting Temperature (DSC)	220	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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