

Bergamid™ B70 G30 UF grey RAL 7037

Polyamide 6
PolyOne Corporation

Message:
6016178

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Flame Retardant		
	Good Dimensional Stability		
	Good Stiffness		
	Good Surface Finish		
	Halogen Free		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C, 4.00 mm)	11000	MPa	ISO 527-2/1
Tensile Strength ¹ (23°C, 4.00 mm)	120	MPa	ISO 527-2
Tensile Elongation ² (Break, 23°C, 4.00 mm)	1.7	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.7	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	38	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	550	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 to 3.00 mm)	V-0		UL 94
Glow Wire Flammability Index (0.800 to 3.00 mm)	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	240 to 265	°C	
Mold Temperature	40.0 to 80.0	°C	
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		

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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

