

VITAMIDE® BG32GY6592

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BG32GY6592 is a Polyamide 6 (Nylon 6) product filled with 10% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792, ISO 1183
Water Absorption			
24 hr	0.20	%	ASTM D570
23°C, 24 hr	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	105	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	4.0	%	ASTM D638, ISO 527-2
Flexural Modulus	4750	MPa	ASTM D790, ISO 178
Flexural Strength	172	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	55	kJ/m²	ISO 179
Charpy Unnotched Impact Strength	70	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	224	°C	ASTM D648, ISO 75-2/A
Melting Temperature	222	°C	ISO 1218, ASTM D2117
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 mm)	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13

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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



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