

VITAMIDE® BG32NT6719

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BG32NT6719 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	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.8	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	65.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	4.0	%	ASTM D638, ISO 527-2
Flexural Modulus	4500	MPa	ASTM D790, ISO 178
Flexural Stress			
--	85.0	MPa	ISO 178
Break	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	30.0	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength	30	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	210	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	190	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Flammability Index (1.50 mm)	960	°C	IEC 60695-2-12
Oxygen Index	31	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method A		

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