

VITAMIDE® BY36GY6619

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BY36GY6619 is a Polyamide 6 (Nylon 6) product filled with 15% glass bead and 15% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Bead,15% Filler by Weight		
	Glass Fiber,15% Filler by Weight		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.57	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.5	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	140	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.5	%	ASTM D638, ISO 527-2
Flexural Modulus	7500	MPa	ASTM D790, ISO 178
Flexural Stress			
--	175	MPa	ISO 178
Break	175	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	220	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/A
Melting Temperature	222	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Test Method	
Flame Rating	V-2	UL 94	

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Recommended distributors for this material

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