

VITAMIDE® BY13BK6604

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BY13BK6604 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Europe.
Characteristics include:
Flame Rated
RoHS Compliant

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.1	%	
Flow	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	120	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.7	%	ASTM D638, ISO 527-2
Flexural Modulus	6000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	175	MPa	ISO 178
Break	175	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	39	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	180	°C	ASTM D648, ISO 75-2/A
Melting Temperature	218	°C	ISO 1218, ASTM D2117
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	V-0		UL 94

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Recommended distributors for this material

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