

VITAMIDE® BW1XBK6468

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BW1XBK6468 is a Polyamide 6 (Nylon 6) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.64	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.60	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	180	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.0	%	ASTM D638, ISO 527-2
Flexural Modulus	7000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	230	MPa	ISO 178
Break	230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	15	kJ/m²	ISO 180
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	170	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	225	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+5	ohms	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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