

VITAMIDE® BF20GY6310

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BF20GY6310 is a Polyamide 6 (Nylon 6) product. It is available in Europe.

Characteristics include:

Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.0	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	60.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	39	%	ASTM D638, ISO 527-2
Flexural Modulus	1600	MPa	ASTM D790, ISO 178
Flexural Stress			
--	66.0	MPa	ISO 178
Break	66.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	33	kJ/m ²	ISO 179
Notched Izod Impact Strength	25	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	215	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	100	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	220	°C	ASTM D2117, ISO 1218
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257, IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94

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