

VITAMIDE® BI22NT6736

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BI22NT6736 is a Polyamide 6 (Nylon 6) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.3	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	50.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	100	%	ASTM D638, ISO 527-2
Flexural Modulus	1700	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m ²	ISO 179
Charpy Notched Impact Strength ¹	20.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	160	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
NOTE			

1. Method B

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Recommended distributors for this material

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