

VITAMIDE® BW10NT6621

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BW10NT6621 is a Polyamide 6 (Nylon 6) product. It is available in Europe.

Characteristics include:

Flame Rated

Lubricated

General Information			
Additive	PTFE Lubricant		
Features	Lubricated		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792, ISO 1183
Water Absorption			
24 hr	2.6	%	ASTM D570
23°C, 24 hr	2.6	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Break	70.0	MPa	ISO 527-2
--	70.0	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638, ISO 527-2
Flexural Modulus	2700	MPa	ASTM D790, ISO 178
Flexural Strength	105	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179
Charpy Notched Impact Strength ¹	5.00	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	175	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	75.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	218	°C	ISO 1218, ASTM D1218
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.0E+15	ohms · cm	ASTM D257, IEC 60093
Dielectric Strength	13	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index	600	V	IEC 60112, ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			

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Recommended distributors for this material

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