

VITAMIDE® BS10NT6336

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BS10NT6336 is a Polyamide 6 (Nylon 6) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	2.6	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	75.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	330	%	ASTM D638, ISO 527-2
Flexural Modulus	2800	MPa	ASTM D790, ISO 178
Flexural Stress			
--	95.0	MPa	ISO 178
Break	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	193	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257, IEC 60093
Dielectric Strength	35	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index			
Solution A	600	V	IEC 60112
-- 1	600	V	ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
NOTE			

1. Solution A

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