

VITAMIDE® BY1XNT6739

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BY1XNT6739 is a Polyamide 6 (Nylon 6) product filled with 50% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.80	g/cm³	ASTM D792, ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	160	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	1.5	%	ASTM D638, ISO 527-2
Flexural Modulus	13000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	65.0	MPa	ISO 178
Break	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	35.0	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength	35	kJ/m²	ISO 179
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	210	°C	ASTM D648, ISO 75-2/A
Melting Temperature	218	°C	ASTM D2117, ISO 1218
CLTE - Flow	4.1E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	V-0		UL 94
NOTE			

1. Method A

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

