

VITAMIDE® BT13NT6661

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BT13NT6661 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm³	ASTM D792, ISO 1183
Water Absorption			
24 hr	1.3	%	ASTM D570
23°C, 24 hr	1.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	4200	MPa	ASTM D790, ISO 178
Flexural Strength	130	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	60	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	180	°C	ASTM D648, ISO 75-2/A
Melting Temperature	218	°C	ISO 1218, ASTM D2117
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257, IEC 60093
Dielectric Strength	30	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index			
Solution A	550	V	IEC 60112
-- 1	550	V	ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			
1.	Solution A		

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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

