

VITAMIDE® BY14NT6705

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BY14NT6705 is a Polyamide 6 (Nylon 6) product filled with 20% glass fiber. It is available in Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage			
Across Flow	1.1	%	
Flow	0.50	%	
Water Absorption			
24 hr	1.1	%	ASTM D570
23°C, 24 hr	1.1	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Break	130	MPa	ISO 527-2
--	130	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	6500	MPa	ASTM D790, ISO 178
Flexural Strength	175	MPa	ASTM D790, ISO 178
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	200	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ISO 1218, ASTM D2117
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm)	V-0	UL 94	

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Recommended distributors for this material

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