

VITAMIDE® TB28GY6548

Polyamide 66/6 Copolymer

Jackdaw Polymers

Message:

VITAMIDE® TB28GY6548 is a Polyamide 66/6 Copolymer (Nylon 66/6) product filled with 40% glass bead. It is available in Europe.

Characteristics include:

Flame Rated

UV Stabilized

General Information			
Filler / Reinforcement	Glass Bead,40% Filler by Weight		
Additive	UV Stabilizer		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.90	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	85.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	4800	MPa	ASTM D790, ISO 178
Flexural Stress			
--	140	MPa	ISO 178
Break	140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	220	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	255	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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