

Technother® A-SV30-T

Polybutylene Terephthalate

Poly Plastic

Message:

Technother® A-SV30-T is a Polybutylene Terephthalate (PBT) product filled with glass fiber. It is available in Europe.

General Information		
Filler / Reinforcement	Glass Fiber	
Physical	Nominal Value	Unit
Density	1.53	g/cm ³
Molding Shrinkage	0.40 to 0.80	%
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	120	MPa
Tensile Strain (Break)	2.3	%
Flexural Modulus (23°C)	9500	MPa
Flexural Stress	180	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength (20°C)	40	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	°C
Melting Temperature	225	°C
Electrical	Nominal Value	Unit
Surface Resistivity	1.0E+14	ohms
Volume Resistivity	1.0E+14	ohms·cm
Electric Strength	20	kV/mm

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Recommended distributors for this material

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