

VITAMIDE® BT33 ST

Polyamide 6
A. Schulman Europe

Message:

VITAMIDE® BT33 ST is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Important attributes of VITAMIDE® BT33 ST are:
Flame Rated
RoHS Compliant
Impact Modified

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight		
Additive		Impact Modifier		
Features		Impact Modified		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.22	--	g/cm ³	ISO 1183
Molding Shrinkage	0.40 to 0.50	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Yield)	90.0	60.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	4.5	%	ISO 527-2
Flexural Modulus	4300	2900	MPa	ISO 178
Flexural Stress	100	60.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	18	25	kJ/m ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	200	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	170	--	°C	ISO 75-2/A
Melting Temperature (DSC)	222	--	°C	ISO 3146
Flammability	Dry	Conditioned	Test Method	
Flame Rating	HB	--	UL 94	

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Recommended distributors for this material

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