

VITAMIDE® BY15

Polyamide 6
A. Schulman Europe

Message:

VITAMIDE® BY15 is a Polyamide 6 (Nylon 6) material filled with 25% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of VITAMIDE® BY15 are:

Flame Rated
RoHS Compliant
Flame Retardant

Typical application of VITAMIDE® BY15: Housings

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
Uses	Electric Motor Housings		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.59	g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.35	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	135	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	175	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	> 220	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Melting Temperature (DSC)	222	°C	ISO 3146
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT