

VITAMIDE® AY15

Polyamide 66
A. Schulman Europe

Message:

VITAMIDE® AY15 is a Polyamide 66 (Nylon 66) 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® AY15 are:

Flame Rated
RoHS Compliant
Flame Retardant

Typical application of VITAMIDE® AY15: Electrical/Electronic Applications

General Information			
UL YellowCard	E132739-546982		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
Uses	Bobbins		
	Electrical Parts		
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)	155	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	> 240	°C	ISO 75-2/B
1.8 MPa, Unannealed	220	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146
Flammability	Nominal Value	Test Method	
Flame Rating	V-0	UL 94	

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Recommended distributors for this material

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