

VITAMIDE® BH36

Polyamide 66
A. Schulman Europe

Message:

VITAMIDE® BH36 is a Polyamide 66 (Nylon 66) material filled with 30% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of VITAMIDE® BH36 are:

Flame Rated

RoHS Compliant

Typical applications include:

Electrical/Electronic Applications

Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Uses	Connectors		
	Pump Parts		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	85.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	4100	MPa	ISO 178
Flexural Stress	125	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	> 205	°C	ISO 75-2/B
1.8 MPa, Unannealed	> 130	°C	ISO 75-2/A
Melting Temperature (DSC)	221	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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