

VITAMIDE® BL37

Polyamide 6
A. Schulman Europe

Message:

VITAMIDE® BL37 is a Polyamide 6 (Nylon 6) material filled with 35% glass\mineral. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of VITAMIDE® BL37 are:

Flame Rated

RoHS Compliant

Typical applications include:

Automotive

Coating Applications

General Information			
Filler / Reinforcement	Glass\Mineral,35% Filler by Weight		
Uses	Automotive Under the Hood Protective Coverings		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Molding Shrinkage	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	140	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	7300	MPa	ISO 178
Flexural Stress	180	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	> 190	°C	ISO 75-2/B
1.8 MPa, Unannealed	175	°C	ISO 75-2/A
Melting Temperature (DSC)	222	°C	ISO 3146
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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Recommended distributors for this material

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