

Novalloy-B B27B3 (Type M)

Acrylonitrile Butadiene Styrene + PBT

Daicel Polymer Ltd.

Message:

Novalloy-B B27B3 (Type M) is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) material filled with 15% glass fiber. It is available in Asia Pacific. Primary attribute of Novalloy-B B27B3 (Type M): Flame Rated.

General Information			
UL YellowCard	E47773-239632		
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 6.40 mm)	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 6.40 mm	200	°C	ASTM D648
0.45 MPa, Unannealed	200	°C	ISO 75-2/B
1.8 MPa, Unannealed, 6.40 mm	180	°C	ASTM D648
1.8 MPa, Unannealed	155	°C	ISO 75-2/A
CLTE			ISO 11359-2
Flow	3.0E-5	cm/cm/°C	
Transverse	1.0E-4	cm/cm/°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 120	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	200 to 220	°C	
Middle Temperature	230 to 250	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	240 to 260	°C	
Mold Temperature	80.0 to 100	°C	

Back Pressure	5.00 to 20.0	MPa
Screw Speed	50 to 100	rpm

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

