

ADDINYL B2 ZV15

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2 ZV15 is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL B2 ZV15 are:

Heat Resistant

Rigid

Typical application of ADDINYL B2 ZV15: Automotive

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight		
Features		Good Heat Aging Resistance		
		High Heat Resistance		
		High Rigidity		
Uses		Automotive Applications		
		Automotive Under the Hood		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.25	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	83	74		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	125	70.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	6.0	%	ISO 527-2
Flexural Modulus	5000	3000	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	6.0	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	55	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	7.5	13	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
CLTE - Flow	3.5E-5	--	cm/cm/°C	ASTM E831
Electrical	Dry	Conditioned	Unit	Test Method

Volume Resistivity	1.0E+15	1.0E+11	ohms·cm	IEC 60093
Electric Strength	33	30	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	450	--	V	IEC 60112

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

