ADDINYL B2 ZV30

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2 ZV30 is a Polyamide 6 (Nylon 6) material filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.
Important attributes of ADDINYL B2 ZV30 are:
Heat Resistant
Rigid
Typical application of ADDINYL B2 ZV30: Automotive

General Information				
Filler / Reinforcement	Glass Fiber,30% 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	1.37	--	g/cm³	ISO 1183/A
Hardness	**Dry**	**Conditioned**	**Unit**	**Test Method**
Shore Hardness (Shore D)	83	76		ISO 868
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Stress (Break)	170	110	MPa	ISO 527-2
Tensile Strain (Break)	3.0	5.0	%	ISO 527-2
Flexural Modulus	8200	4800	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength	11	19	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	65	75	kJ/m²	ISO 179/1eU
Notched Izod Impact Strength	14	22	kJ/m²	ISO 180/1A
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
CLTE - Flow	3.0E-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	35	30	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	450	--	V	IEC 60112

Recommended distributors for this material

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