

# ADDINYL B2 G10 V20

Polyamide 6

ADDIPLAST

## Message:

ADDINYL B2 G10 V20 is a Polyamide 6 (Nylon 6) material filled with 10% glass bead and 20% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL B2 G10 V20 are:

Good Dimensional Stability

Rigid

Warp Resistant

Typical application of ADDINYL B2 G10 V20: Automotive

General Information				
Filler / Reinforcement		Glass Bead,10% Filler by Weight		
		Glass Fiber,20% Filler by Weight		
Features		Good Dimensional Stability		
		High Rigidity		
		Low Warpage		
Uses		Automotive Applications		
		Automotive Interior Parts		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm <sup>3</sup>	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	84	75		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	120	80.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	7.0	%	ISO 527-2
Flexural Modulus	6000	3500	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	7.0	12	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	50	55	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Izod Impact Strength	9.0	16	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146

CLTE - Flow	4.0E-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	33	30	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	550	--	V	IEC 60112

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#### Recommended distributors for this material

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