

ADDINYL A2 M20 V10

Polyamide 66

ADDIPLAST

Message:

ADDINYL A2 M20 V10 is a Polyamide 66 (Nylon 66) material filled with 10% glass fiber and 20% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL A2 M20 V10 are:

Good Dimensional Stability

Rigid

Warp Resistant

Typical application of ADDINYL A2 M20 V10: Automotive

General Information				
Filler / Reinforcement		Glass Fiber,10% Filler by Weight Mineral,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 ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	86	80		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	120	75.0	MPa	ISO 527-2
Tensile Strain (Break)	4.5	6.0	%	ISO 527-2
Flexural Modulus	7800	3700	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.0	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	35	45	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	4.5	5.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	240	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	260	--	°C	ISO 3146

CLTE - Flow	8.0E-5	--	cm/cm/°C	ASTM E831
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	1.0E+12	ohms·cm	IEC 60093
Comparative Tracking Index (Solution A)	600	--	V	IEC 60112

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