

ADDINYL B2 V25

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2 V25 is a polyamide 6 (nylon 6) material, and the filler is glass fiber reinforced material. This product is available in Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics of ADDINYL B2 V25 are: flame retardant/rated flame.

General Information				
Filler / Reinforcement		Glass fiber reinforced material		
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.32	--	g/cm ³	ISO 1183/A
Water Absorption (23°C, 24 hr)	0.90	--	%	ISO 62
Hardness	Dry	Conditioned	Unit	Test Method
Durometer Hardness (Shore D)	83	75		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	160	100	MPa	ISO 527-2
Tensile Strain (Break)	3.0	5.0	%	ISO 527-2
Flexural Modulus	7000	4200	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	9.0	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	55	65	kJ/m ²	ISO 179/1eU
Notched Izod Impact	12	19	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed)	210	--	°C	ISO 75-2/A
Melting Temperature (DSC)	220	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Comparative Tracking Index (Solution A)	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	HB	--		UL 94
Oxygen Index	23	--	%	ISO 4589-2
Additional Information				

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Comp Track Index, IEC 60112: >600 VWater Absorbtion @ 30 min / 100°C, ISO 62: 1.8%Specimen Conditioning (dry): just after moulding

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Specimen Conditioning (wet): conditioning according to ISO 291 and ISO 1110

NOTE

1. Flatwise

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Recommended distributors for this material

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