

ADDINYL B2H M30

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2H M30 is a Polyamide 6 (Nylon 6) material filled with 30% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Important attributes of ADDINYL B2H M30 are:

- Flame Rated
- Flame Retardant
- Typical applications include:
 - Automotive
 - Electrical/Electronic Applications
 - Wire & Cable

General Information				
Filler / Reinforcement		Mineral,30% Filler by Weight		
Additive		Flame Retardant		
Features		Flame Retardant		
		Halogenated		
Uses		Automotive Applications		
		Electrical/Electronic Applications		
		Telecommunications		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.62	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	85	80		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	70.0	40.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	10	%	ISO 527-2
Flexural Modulus	7000	3500	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.0	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	30	50	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	4.0	7.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146

Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+14	--	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+12	ohms·cm	IEC 60093
Comparative Tracking Index (Solution A)	350	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	V-0	--		UL 94
Glow Wire Ignition Temperature	960	--	°C	IEC 60695-2-13
Oxygen Index	32	--	%	ISO 4589-2

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