

# ADDINYL B2H G30

Polyamide 6

ADDIPLAST

## Message:

ADDINYL B2H G30 is a Polyamide 6 (Nylon 6) material filled with 30% glass bead. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL B2H G30 are:

Flame Rated

Flame Retardant

Typical applications include:

Automotive

Electrical/Electronic Applications

Wire & Cable

General Information				
Filler / Reinforcement		Glass Bead,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 <sup>3</sup>	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	90	89		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	55.0	30.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	7.0	%	ISO 527-2
Flexural Modulus	4800	2400	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	2.0	2.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	15	22	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Izod Impact Strength	3.0	2.5	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	107	--	°C	ISO 75-2/Af

Melting Temperature (DSC)	220	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Comparative Tracking Index (Solution A)	275	--	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	31	--	%	ISO 4589-2

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#### Recommended distributors for this material

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