

ADDINYL B2 E

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2 E is a Polyamide 6 (Nylon 6) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL B2 E are:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information				
Additive		Flame Retardant		
Features		Flame Retardant		
		Halogen Free		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.17	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	83	77		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress				ISO 527-2
Yield	75.0	40.0	MPa	
Break	60.0	45.0	MPa	
Tensile Strain (Break)	10	30	%	ISO 527-2
Flexural Modulus	3000	1000	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	3.0	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break	No Break		ISO 179/1eU
Notched Izod Impact Strength	3.0	10	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+14	1.0E+12	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+12	ohms · cm	IEC 60093
Electric Strength	26	--	kV/mm	IEC 60243-1

Comparative Tracking Index (Solution A)	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	V-2	--		UL 94
Glow Wire Ignition Temperature	960	--	°C	IEC 60695-2-13
Oxygen Index	30	--	%	ISO 4589-2

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Recommended distributors for this material

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