

ADDINYL B2 I

Polyamide 6

ADDIPLAST

Message:

ADDINYL B2 I is a polyamide 6 (nylon 6) material. This product is available in Africa and the Middle East, Latin America, Europe or Asia Pacific.

The main features of ADDINYL B2 I are:

flame retardant/rated flame

Flame Retardant

Halogen-free

General Information				
Additive		Flame retardancy		
Features		Halogen-free		
		Flame retardancy		
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.20	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Durometer Hardness (Shore D)	82	71		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	50.0	40.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	15	%	ISO 527-2
Flexural Modulus	3300	1900	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	2.5	7.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact	3.0	8.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+12	ohms	IEC 60093
Volume Resistivity	--	1.0E+12	ohms · cm	IEC 60093
Comparative Tracking Index (Solution A)	600	--	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	37	--	%	ISO 4589-2
Additional Information				
干燥				
Comp Track Index (Solution A), ISO 60112: >600 VSpecimen Conditioning (dry): just after moulding				

调节后的				
Specimen Conditioning (wet): Conditioned according to ISO 291 and ISO 1110				

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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