

ADDINYL A2 I

Polyamide 66

ADDIPLAST

Message:

ADDINYL A2 I is a Polyamide 66 (Nylon 66) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL A2 I 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	1.19	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	85	78		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	60.0	50.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	15	%	ISO 527-2
Flexural Modulus	3500	2000	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	2.5	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40 kJ/m ²	No Break		ISO 179/1eU
Notched Izod Impact Strength	3.0	8.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	260	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+15	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+14	ohms·cm	IEC 60093
Electric Strength	28	--	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method

Flame Rating (0.800 mm)	V-0	--		UL 94
Glow Wire Ignition Temperature	960	--	°C	IEC 60695-2-13
Oxygen Index	38	--	%	ISO 4589-2

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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

