

ADDINYL A2 ZP40

Polyamide 66

ADDIPLAST

Message:

ADDINYL A2 ZP40 is a Polyamide 66 (Nylon 66) material filled with 40% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL A2 ZP40 are:

Heat Resistant

Rigid

Typical application of ADDINYL A2 ZP40: Automotive

General Information				
Filler / Reinforcement		Mineral,40% Filler by Weight		
Features		Good Heat Aging Resistance		
		High Rigidity		
Uses		Automotive Applications		
		Automotive Under the Hood		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.48	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	88	85		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	85.0	60.0	MPa	ISO 527-2
Tensile Strain (Break)	10	35	%	ISO 527-2
Flexural Modulus	5100	1600	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.0	9.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break	No Break		ISO 179/1eU
Notched Izod Impact Strength	6.0	9.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	260	--	°C	ISO 3146
CLTE - Flow	5.5E-5	--	cm/cm/°C	ASTM E831
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	1.0E+13	ohms · cm	IEC 60093

Electric Strength	30	25	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	550	--	V	IEC 60112

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