

# ADDINYL PMD 20090

Polyamide 6

ADDIPLAST

## Message:

ADDINYL PMD 20090 is a Polyamide 6 (Nylon 6) material filled with glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Important attributes of ADDINYL PMD 20090 are:

- Rigid
- Wear Resistant
- Typical applications include:
  - Automotive
  - Electrical/Electronic Applications

General Information				
Filler / Reinforcement		Glass Fiber		
Features		Good Wear Resistance		
		High Rigidity		
Uses		Automotive Applications		
		Electrical/Electronic Applications		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.45	--	g/cm <sup>3</sup>	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	84	77		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	130	90.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	8.0	%	ISO 527-2
Flexural Modulus	8300	4750	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	12	25	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	35	45	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Izod Impact Strength	11	32	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
CLTE - Flow	3.0E-5	--	cm/cm/°C	ASTM E831
Electrical	Dry	Conditioned	Unit	Test Method

Comparative Tracking				
Index (Solution A)	600	--	V	IEC 60112

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Recommended distributors for this material

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