

ADDINYL PMD 20117

Polyamide
ADDIPLAST

Message:

ADDINYL PMD 20117 is a Polyamide material filled with glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

Important attributes of ADDINYL PMD 20117 are:

- Flame Rated
- Flame Retardant
- Rigid

General Information				
Filler / Reinforcement		Glass Fiber		
Additive		Flame Retardant		
Features		Flame Retardant		
		Halogenated		
		High Rigidity		
		Low Friction		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.53	--	g/cm ³	ISO 1183/A
Hardness	Dry	Conditioned	Unit	Test Method
Shore Hardness (Shore D)	84	80		ISO 868
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	110	75.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	5.0	%	ISO 527-2
Flexural Modulus	8000	5000	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	7.0	7.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	40	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	6.5	7.0	kJ/m ²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	--	°C	ISO 75-2/Af
Melting Temperature (DSC)	220	--	°C	ISO 3146
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+13	1.0E+11	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+12	ohms · cm	IEC 60093

Comparative Tracking Index (Solution A)	300	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	HB	--		UL 94
Glow Wire Ignition Temperature	960	--	°C	IEC 60695-2-13
Oxygen Index	27	--	%	ISO 4589-2

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Recommended distributors for this material

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