

ADDILENE H 442 M30

Polypropylene Homopolymer
ADDIPLAST

Message:

ADDILENE H 442 M30 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 30% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.
Typical application of ADDILENE H 442 M30: Appliances

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Features	Detergent Resistant		
Uses	Appliance Components		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	76		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	33.0	MPa	
Break	28.0	MPa	
Tensile Strain (Break)	11	%	ISO 527-2
Flexural Modulus	3200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	22	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	2.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	76.0	°C	ISO 75-2/Af
Vicat Softening Temperature	153	°C	ISO 306/A50
Melting Temperature (DSC)	165	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112

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