

ADDILENE H 420 M 40

Polypropylene Homopolymer
ADDIPLAST

Message:

ADDILENE H 420 M 40 is a Polypropylene Homopolymer (PP Homopolymer) material filled with mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Primary attribute of ADDILENE H 420 M 40: Heat Resistant.

General Information			
Filler / Reinforcement	Mineral		
Features	High Heat Resistance		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	78		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	30.0	MPa	
Break	28.0	MPa	
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	4000	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	24	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			
0.45 MPa, Unannealed	132	°C	ISO 75-2/Be
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/Af
Vicat Softening Temperature	152	°C	ISO 306/A50
Ball Indentation Temperature	134	°C	IEC 60335-1
Melting Temperature (DSC)	165 to 168	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature	750	°C	IEC 60695-2-13

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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

