

ADDILENE H 490 M20 S

Polypropylene
ADDIPLAST

Message:

ADDILENE H 490 M20 S is a Polypropylene material filled with 20% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Important attributes of ADDILENE H 490 M20 S are:
Flame Rated
Flame Retardant
Typical applications include:
Electrical/Electronic Applications
Housings
Industrial Applications

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
Uses	Connectors		
	Electrical Housing		
	Industrial Applications		
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)	12	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 (Break)	32.0	MPa	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	2700	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	20	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)	73.0	°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+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms·cm	IEC 60093
Electric Strength	43	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Ignition Temperature	850	°C	IEC 60695-2-13
Oxygen Index	23	%	ISO 4589-2

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

