

ADDILENE H 511 V30

Polypropylene Homopolymer
ADDIPLAST

Message:

ADDILENE H 511 V30 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Primary attribute of ADDILENE H 511 V30: Rigid.
Typical applications include:
Automotive
Appliances
Industrial Applications

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Rigidity		
Uses	Appliance Components		
	Automotive Applications		
	Automotive Interior Parts		
	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	82.0	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	6500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	39	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	7.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	139	°C	ISO 75-2/Af
Vicat Softening Temperature	160	°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+ 14	ohms · cm	IEC 60093

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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

