

Armlen® HB SM 35-1

Polypropylene
Poly Plastic

Message:

Armlen® HB SM 35-1 is a Polypropylene product filled with mineral. It is available in Europe.

General Information		
Filler / Reinforcement	Mineral	
Physical	Nominal Value	Unit
Density	1.19	g/cm³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.1	g/10 min
Molding Shrinkage	0.50 to 0.80	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	36.0	MPa
Tensile Strain (Break)	6.0	%
Flexural Modulus (23°C)	3900	MPa
Flexural Stress	51.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength (20°C)	3.7	kJ/m²
Charpy Unnotched Impact Strength		
-40°C	13	kJ/m²
20°C	23	kJ/m²
Thermal	Nominal Value	Unit
Heat Deflection Temperature		
0.45 MPa, Unannealed	121	°C
1.8 MPa, Unannealed	95.0	°C
Melting Temperature	163	°C
CLTE - Flow (-20 to 110°C)	6.0E-6	cm/cm/°C
Electrical	Nominal Value	Unit
Volume Resistivity ¹	1.0E+15	ohms · cm
NOTE		
1.	Dry	

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Recommended distributors for this material

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