

Armlen® PP SM 20-3UP

Polypropylene

Poly Plastic

Message:

Armlen® PP SM 20-3UP is a Polypropylene product filled with mineral. It is available in Europe.

General Information		
Filler / Reinforcement	Mineral	
Features	Shock Resistant	
Physical	Nominal Value	Unit
Density	1.08	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.1	g/10 min
Molding Shrinkage	0.80 to 1.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	20.0	MPa
Tensile Strain (Break)	50	%
Flexural Modulus (23°C)	1900	MPa
Flexural Stress	28.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength (20°C)	18	kJ/m ²
Charpy Unnotched Impact Strength		
-40°C	26	kJ/m ²
20°C	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature		
0.45 MPa, Unannealed	104	°C
1.8 MPa, Unannealed	55.0	°C
Melting Temperature	160	°C
CLTE - Flow (-20 to 110°C)	7.0E-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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