

Armlen® PP SM 20-4UP

Polypropylene

Poly Plastic

Message:

Armlen® PP SM 20-4UP 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	1.09	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.1	g/10 min
Molding Shrinkage	0.80 to 1.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	25.0	MPa
Tensile Strain (Break)	25	%
Flexural Modulus (23°C)	2400	MPa
Flexural Stress	37.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength (20°C)	13	kJ/m ²
Charpy Unnotched Impact Strength		
-40°C	25	kJ/m ²
20°C	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature		
0.45 MPa, Unannealed	123	°C
1.8 MPa, Unannealed	70.0	°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	

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

