

ARMAMID® PA TM 15.1

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA TM 15.1 is a Polyamide 6 (Nylon 6) product filled with mineral. It is available in Europe.

General Information			
Filler / Reinforcement		Mineral	
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	
Molding Shrinkage	0.60 to 0.90	%	
Water Absorption			
23°C, 24 hr	1.2	%	ISO 62
Saturation, 23°C	8.0	%	
Equilibrium, 23°C, 50% RH	2.6	%	
Mechanical	Nominal Value	Unit	
Tensile Stress (Yield)	68.0	MPa	
Flexural Modulus (23°C)	4000	MPa	
Flexural Stress	90.0	MPa	
Impact	Nominal Value	Unit	
Charpy Notched Impact Strength (20°C)	9.0	kJ/m ²	
Charpy Unnotched Impact Strength			
-40°C	41	kJ/m ²	
20°C	52	kJ/m ²	
Thermal	Nominal Value	Unit	
Heat Deflection Temperature (0.45 MPa, Unannealed)	180	°C	
Melting Temperature	216	°C	
Electrical	Nominal Value	Unit	
Surface Resistivity			
-- 1	1.0E+13	ohms	
-- 2	1.0E+15	ohms	
Volume Resistivity			
-- 3	1.0E+15	ohms · cm	
-- 4	1.0E+17	ohms · cm	
Electric Strength			
-- 5	14 to 17	kV/mm	
-- 6	21 to 24	kV/mm	
NOTE			
1.	Wet		

2.	Dry
3.	Wet
4.	Dry
5.	Wet
6.	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

