

ARMAMID® PA 6-2EK

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA 6-2EK is a Polyamide 6 (Nylon 6) product. It can be processed by extrusion and is available in Europe.

General Information		
Features	High Elasticity	
Processing Method	Extrusion	
Physical	Nominal Value	Unit
Density	1.08	g/cm ³
Molding Shrinkage	0.60 to 1.0	%
Water Absorption		
Saturation, 23°C	7.0	%
Equilibrium, 23°C, 50% RH	2.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	48.0	MPa
Tensile Strain (Break)	120	%
Flexural Modulus (23°C)	1500	MPa
Flexural Stress	55.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength		
-40°C	7.0	kJ/m ²
20°C	15	kJ/m ²
Charpy Unnotched Impact Strength (20°C)	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C
Melting Temperature	214	°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	22 to 24	kV/mm
NOTE		
1.	Wet	
2.	Dry	

3.	Wet
4.	Dry
5.	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

