

ARMAMID® PA 6-2UP

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA 6-2UP is a Polyamide 6 (Nylon 6) product. It is available in Europe. Typical application: Film.

General Information		
Features	High Elasticity	
Uses	Cast Film	
Physical	Nominal Value	Unit
Density	1.09	g/cm ³
Molding Shrinkage	1.3 to 2.2	%
Water Absorption		
Saturation, 23°C	8.2	%
Equilibrium, 23°C, 50% RH	3.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	50.0	MPa
Tensile Strain (Break)	40	%
Flexural Modulus (23°C)	1900	MPa
Flexural Stress	62.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength		
-40°C	18	kJ/m ²
20°C	24	kJ/m ²
Charpy Unnotched Impact Strength (-40°C)	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature (0.45 MPa, Unannealed)	125	°C
Melting Temperature	213	°C
Electrical	Nominal Value	Unit
Surface Resistivity		
-- 1	1.0E+13	ohms
-- 2	1.0E+15	ohms
Volume Resistivity		
-- 3	1.0E+17	ohms · cm
-- 4	1.0E+15	ohms · cm
Electric Strength	22 to 24	kV/mm
NOTE		
1.	Wet	
2.	Dry	

3.	Wet
4.	Dry

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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

