

ARMAMID® PA 6-2E

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA 6-2E 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	1.2 to 2.0	%
Water Absorption		
Saturation, 23°C	8.5	%
Equilibrium, 23°C, 50% RH	2.8	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	38.0	MPa
Tensile Strain (Break)	80	%
Flexural Modulus (23°C)	1600	MPa
Flexural Stress	43.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength		
-40°C	8.0	kJ/m ²
20°C	16	kJ/m ²
Charpy Unnotched Impact Strength (-40°C)	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°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

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