

ARMAMID® PA 6-4E

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA 6-4E 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	1.06	g/cm ³
Molding Shrinkage	0.70 to 1.0	%
Water Absorption		
Saturation, 23°C	6.0	%
Equilibrium, 23°C, 50% RH	1.7	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	38.0	MPa
Tensile Strain (Break)	50	%
Flexural Modulus (23°C)	1300	MPa
Flexural Stress	40.0	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength (20°C)	20	kJ/m ²
Charpy Unnotched Impact Strength (-40°C)	No Break	
Thermal	Nominal Value	Unit
Heat Deflection Temperature (0.45 MPa, Unannealed)	65.0	°C
Melting Temperature	210	°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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