

ARMAMID® PA NE 25-1AP

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA NE 25-1AP is a Polyamide 6 (Nylon 6) product. It is available in Europe.

General Information		
Physical	Nominal Value	Unit
Density	1.58	g/cm ³
Molding Shrinkage	0.30 to 0.50	%
Water Absorption		
23°C, 24 hr	0.80	%
Saturation, 23°C	6.0	%
Equilibrium, 23°C, 50% RH	2.5	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	130	MPa
Flexural Modulus (23°C)	8500	MPa
Flexural Stress	185	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength (20°C)	34	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C
Melting Temperature	219	°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	33 to 35	kV/mm
-- 6	22 to 26	kV/mm
Flammability	Nominal Value	Unit
Glow Wire Ignition Temperature	960	°C
Additional Information	Nominal Value	Unit
Burn Resistant Category (2.00 mm)	PX-0	
Trekingostoykost (KIT)	10200	mm
NOTE		

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

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