

ARMAMID® PA NE 20-5APM

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA NE 20-5APM is a Polyamide 6 (Nylon 6) product. It is available in Europe.

General Information		
Physical	Nominal Value	Unit
Density	1.48	g/cm ³
Molding Shrinkage	0.30 to 0.50	%
Water Absorption		
23°C, 24 hr	0.85	%
Saturation, 23°C	6.2	%
Equilibrium, 23°C, 50% RH	2.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	120	MPa
Flexural Modulus (23°C)	6500	MPa
Flexural Stress	180	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength		
-40°C	25	kJ/m ²
20°C	55	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C
Melting Temperature	218	°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
Electric Strength		
-- ⁴	27 to 29	kV/mm
-- ⁵	22 to 24	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)	508.00	cm
NOTE		

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

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