

ARMAMID® PA MN 20-1AP

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA MN 20-1AP is a Polyamide 6 (Nylon 6) product. It is available in Europe.

General Information		
Physical	Nominal Value	Unit
Density	1.43	g/cm ³
Molding Shrinkage	0.60 to 0.70	%
Water Absorption		
23°C, 24 hr	1.1	%
Saturation, 23°C	7.2	%
Equilibrium, 23°C, 50% RH	2.5	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	70.0	MPa
Flexural Modulus (23°C)	4800	MPa
Flexural Stress	110	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength		
-40°C	18	kJ/m ²
20°C	30	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.0	°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+15	ohms · cm
-- 4	1.0E+17	ohms · cm
Electric Strength		
-- 5	25 to 30	kV/mm
-- 6	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)	635.00	cm
NOTE		
1.	Wet	
2.	Dry	
3.	Wet	
4.	Dry	
5.	Dry	
6.	Wet	

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