

ARMAMID® PA HC 30-1AP

Polyamide 6

Poly Plastic

Message:

ARMAMID® PA HC 30-1AP is a Polyamide 6 (Nylon 6) product. It is available in Europe.

General Information		
Physical	Nominal Value	Unit
Density	1.45	g/cm ³
Molding Shrinkage	0.30 to 0.50	%
Water Absorption		
23°C, 24 hr	0.90	%
Saturation, 23°C	6.3	%
Equilibrium, 23°C, 50% RH	2.0	%
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	135	MPa
Flexural Modulus (23°C)	13500	MPa
Flexural Stress	220	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength		
-40°C	18	kJ/m ²
20°C	32	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature (1.8 MPa, Unannealed)	192	°C
Melting Temperature	220	°C
Electrical	Nominal Value	Unit
Surface Resistivity ¹	1.0E+2	ohms
Volume Resistivity ²	1.0E+4	ohms·cm
Flammability	Nominal Value	Unit
Glow Wire Ignition Temperature	960	°C
Additional Information	Nominal Value	
Burn Resistant Category	PX-0	
NOTE		
1.	Dry	
2.	Dry	

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