

BASF Gusspolyamid® Nylon 6 (At 50% RH)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Processed by anionic polymerization of caprolactam in the presence of a catalyst and activator. Uses include semi-finished products and containers (e.g. heating oil tanks). Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Gusspolyamid-Nylon-6-At-50-RH.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	Dry as molded.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	
Elongation at Break	>= 50 %	>= 50 %	
Elongation at Yield	20 %	20 %	
Tensile Modulus	1.50 GPa	218 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	

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