

UBE P7115U Electronic Grade Nylon Copolymer Powder

Category : Polymer , Thermoplastic , Nylon , Nylon 612

Material Notes:

Description: UBESTA Nylon 12 has an excellent termite resistance than other plastics. UBESTA contributes as a material for jacket and sheath which lay for telephone and telegram Communication Systems through the world. Comments: nylon 6/12 copolymer Information provided by UBE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_UBE-P7115U-Electronic-Grade-Nylon-Copolymer-Powder.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Melt Flow	60 g/10 min @Load 1.00 kg, Temperature 190 °C	60 g/10 min @Load 2.20 lb, Temperature 374 °F	ASTM D1238R

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	73	73	ASTM D2240
Tensile Strength at Break	>= 27.0 MPa	>= 3920 psi	ASTM D638
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	>= 300 %	>= 300 %	ASTM D638
Flexural Strength	23.0 MPa	3340 psi	ASTM D790
Flexural Modulus	0.520 GPa	75.4 ksi	ASTM D790
Izod Impact, Notched	0.290 J/cm	0.543 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	145 °C	293 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	46.0 °C	115 °F	ASTM D648

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