

Solvay TECHNYLSTAR[®],ç A205 F Natural S PA66, Eh 50

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

TECHNYLSTAR A205 F NATURAL S is a polyamide 6.6 with low viscosity for fast cycle molding. Colors: it is supplied in natural color. Available in: Latin America and North America Main Properties: High Fluidity, V2 UL 94 Classification and Glow wire Resistance

Applications: This product is indicated for various applications at automotive and electric & electronic industries. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYLSTAR-A205-F-Natural-S-PA66-Eh-50.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183/A
Water Absorption	1.5 % @Temperature 23.0 Â°C, Time 86400 sec	1.5 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	79.0 MPa	11500 psi	ISO 527
Tensile Modulus	2.27 GPa	329 ksi	ISO 527
Charpy Impact, Notched	0.660 J/cm ²	3.14 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	153 Â°C	307 Â°F	ISO 75

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	CEI 93
Dielectric Constant	3.2	3.2	CEI 250
Dielectric Strength	26.0 kV/mm	660 kV/in	CEI 93
Dissipation Factor	0.080	0.080	CEI 250

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