

Arkema Group Rilsan® Powder T Blue X 7421 AC Nylon 11, Coating Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 11 , Nylon 11, Powder

Material Notes:

Powder T BLUE X 7421 AC - RILSAN POLYAMIDE 11 (PA11) POWDERBlue Powder pigmented by Dry Blend, designed for the coating of tubes, pipe systems, flanges and fittings for the transport of fluids in particular potable water. Coating done by dipping of pre heated part in a bed of fluidized powder. Submitted to potable water approval. The range includes several colors. The properties listed in the data base have been measured on a corresponding RILSAN PA11 Granule. ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-Powder-T-Blue-X-7421-AC-Nylon-11-Coating-Grade.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	
Water Absorption	1.9 %	1.9 %	

Thermal Properties	Metric	English	Comments
Melting Point	185 °C	365 °F	10°C/min
Vicat Softening Point	160 °C	320 °F	50°C/hr; 50N
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-2	V-2	
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Dielectric Strength	30.0 kV/mm	762 kV/in	

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