

## Arkema Group Rilsan® BESN P40 TL Nylon 11, Flexible Tubing Grade (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 11 , Nylon 11, Flexible Tubing Grade

### Material Notes:

Designation ISO 1874-PA11-P,EHL,22-003Flexible grade for tubes extrusion. Available color: black and natural. Light and heat stabilized.High flexibility. High impact strength. Very good chemical resistance. Ability to be processed at high speed.Example applications: Flexible tubes for air brake system approved by ISO 7628, DIN 73378 (PA11-PHL), NFR 12632, SAEJ 844.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Rilsan-BESN-P40-TL-Nylon-11-Flexible-Tubing-Grade-Dry.php](http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BESN-P40-TL-Nylon-11-Flexible-Tubing-Grade-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	
Water Absorption	1.6 %	1.6 %	
Melt Flow	3.1 g/10 min @Load 10.0 kg, Temperature 235 °C	3.1 g/10 min @Load 22.0 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa @Strain 50.0 %	3770 psi @Strain 50.0 %	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Tensile Modulus	0.330 GPa	47.9 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	178 °C	352 °F	10°C/min
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.10 mm	HB @Thickness 0.122 in	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.000405 @Frequency 1e+6 Hz	0.000405 @Frequency 1e+6 Hz	
	0.00090	0.00090	

Electrical Properties	@Frequency 100 Hz Metric	@Frequency 100 Hz English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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