

**Arkema Group Rilsan® BESN P20 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,22-004Flexible grade for tubes extrusion. Available color: black and natural. Light and heat stabilized.Flexibility. High impact strength. Very good chemical resistance. Ability to be processed at high speed.Example applications: Flexible tubes for automotive.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Rilsan-BESN-P20-TL-Nylon-11-Flexible-Tubing-Grade-Dry.php](http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BESN-P20-TL-Nylon-11-Flexible-Tubing-Grade-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	
Water Absorption	1.8 %	1.8 %	
Melt Flow	2.0 g/10 min @Load 5.00 kg, Temperature 235 °C	2.0 g/10 min @Load 11.0 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa @Strain 50.0 %	4350 psi @Strain 50.0 %	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Tensile Modulus	0.520 GPa	75.4 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	183 °C	361 °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	

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