

Arkema Group Rilsan® BECN P20 TL Nylon 11 (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 11 , Nylon 11, Unreinforced

Material Notes:

ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BECN-P20-TL-Nylon-11-Dry.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Water Absorption	1.8 %	1.8 %	
Melt Flow	11.9 g/10 min	11.9 g/10 min	
	@Load 2.16 kg, Temperature 235 °C	@Load 4.76 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	34 %	34 %	50 mm/min
Tensile Modulus	0.525 GPa	76.1 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	183 °C	361 °F	10°C/min
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 3.10 mm	@Thickness 0.122 in	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.000348	0.000348	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.000486	0.000486	
	@Frequency 100 Hz	@Frequency 100 Hz	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China