

Arkema Group Rilsan® BMV 400 TL Nylon 11 (Dry)

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

Material Notes:

Designation ISO 1874-PA11,M,18-002,ZFlexible grade for injection molding. Available color: natural. Light and heat stabilized. Plasticizing agent free.Outstanding impact strength and tear spreading at low temperature. Good abrasion resistance. Low shrinkage: include 1% on average for the design of the mold. Good dimensional stability (low moisture absorption).Example applications: Mechanical parts with impact and vibrations resistance.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BMV-400-TL-Nylon-11-Dry.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Water Absorption	1.3 %	1.3 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.0 MPa @Strain 50.0 %	2610 psi @Strain 50.0 %	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Tensile Modulus	0.195 GPa	28.3 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	Low Temp
Charpy Impact, Notched	NB	NB	
	1.80 J/cm ² @Temperature -30.0 °C	8.57 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	175 °C	347 °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	

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