

## Arkema Group Rilsan® BESHV Nylon 11, Blow Molding Grade (Dry)

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

### Material Notes:

Designation ISO 1874-PA11,E,24-010 Rigid grade for extrusion blow molding. Available color: natural. Additive free. Very good impact strength. Well adapted melt strength. High chemical resistance. Food contact approval EEC directive N 90/128. Example applications: Oil drum. ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Rilsan-BESHV-Nylon-11-Blow-Molding-Grade-Dry.php](http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-BESHV-Nylon-11-Blow-Molding-Grade-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	
Water Absorption	1.9 %	1.9 %	
Melt Flow	0.80 g/10 min	0.80 g/10 min	
	@Load 10.0 kg, Temperature 235 °C	@Load 22.0 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.0 MPa	5950 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	5.0 %	5.0 %	50 mm/min
Tensile Modulus	1.36 GPa	197 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	Low Temp
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.24 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	183 °C	361 °F	10°C/min
Flammability, UL94	V-2	V-2	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-2	V-2	
	@Thickness 3.20 mm	@Thickness 0.126 in	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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