

## Arkema Group Rilsan® 6733 Nylon 11, Flexible Tubing Grade (Dry)

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

### Material Notes:

Designation ISO 1874-PA11/xx,E,18-002 Transparent and flexible copolymer for tubes extrusion. Additive free. High flexibility. Very good transparency. High chemical resistance. USP XXIII class VI approval. Example applications: Catheters. ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Rilsan-6733-Nylon-11-Flexible-Tubing-Grade-Dry.php](http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-6733-Nylon-11-Flexible-Tubing-Grade-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
Water Absorption	1.3 %	1.3 %	
Melt Flow	15.5 g/10 min @Load 2.16 kg, Temperature 235 °C	15.5 g/10 min @Load 4.76 lb, Temperature 455 °F	

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	0.185 GPa	26.8 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	150 °C	302 °F	10°C/min
Glass Transition Temp, Tg	15.0 °C	59.0 °F	10°C/min
Flammability, UL94	V-2 @Thickness 3.20 mm	V-2 @Thickness 0.126 in	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. reports 'Transparent' but doesn't quantify.

## Contact Songhan Plastic Technology Co.,Ltd.

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