Rilsan® BESNO MED

Polyamide 11

Arkema

Message:

Rilsan ® BESNO MED is a polyamide produced from a renewable source. This grade dedicated to extrusion offers the highest quality and it is specifically designed to meet the stringent requirements of the medical applications such as minimally invasive devices. Upon request letters regarding USP Class VI compliance can be provided.
MAIN APPLICATIONS
Medical Tubing.
Catheters.

General Information			
Features	Renewable Resource Content		
Uses	Medical/Healthcare Applications Tubing		
Agency Ratings	USP Class VI		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.02	g/cm³	ISO 1183
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore D	76		
Shore D, 15 sec	71		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1200	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	40.0	MPa	
Break	50.0	MPa	
Tensile Strain			ISO 527-2
Yield	6.0	%	
Break	> 200	%	
Flexural Modulus	1130	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-30°C	13	kJ/m²	
23°C	15	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	186	°C	ISO 11357-3

Additional Information	Nominal Value	Unit	Test Method
ISO Shortname	PA11, E, 22-010		ISO 1874
Renewable Carbon Conent	100	%	ASTM D6866

Extrusion	Nominal Value	Unit
Drying Temperature	65.0 to 80.0	°C
Drying Time	4.0 to 6.0	hr
Melt Temperature	230 to 280	°C

Recommended distributors for this material

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