

Rilsan® BESNO TL

Polyamide 11

Arkema

Message:

Rilsan ® BESNO TL is a polyamide 11 produced from a renewable source. This natural grade is designed for extrusion.

MAIN APPLICATIONS

Fluid transportation.

General Information			
UL YellowCard	E45228-101805531		
Features	Renewable Resource Content		
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	75		
Shore D, 15 sec	71		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1200	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	36.0	MPa	
Break	61.0	MPa	
Tensile Strain			
Yield	6.0	%	
Break	> 200	%	
Flexural Modulus	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	11	kJ/m ²	
23°C	10	kJ/m ²	
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	> 98	%	ASTM D6866
Extrusion	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	4.0 to 6.0	hr
Melt Temperature	230 to 280	°C

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Recommended distributors for this material

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