

Rilsan® BESNO P40 TL3

Polyamide 11

Arkema

Message:

Rilsan ® BESNO P40 TL3 is a polyamide 11 produced from a renewable source. This natural grade is plasticized and designed for extrusion.

MAIN APPLICATIONS

- Fuel line.
- Air brake line.
- Wire coating.

General Information			
Additive	Plasticizer		
Features	Renewable Resource Content		
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	70		
Shore D, 15 sec	61		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	270	MPa	ISO 527-2
Tensile Stress (Break)	54.0	MPa	ISO 527-2
Tensile Strain (Break)	> 200	%	ISO 527-2
Flexural Modulus	310	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	5.0	kJ/m²	
23°C	No Break		
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	181	°C	ISO 11357-3
Additional Information	Nominal Value	Unit	Test Method
ISO Shortname	PA11-P, EHL, 22-003		ISO 1874
Renewable Carbon Conent	> 89	%	ASTM D6866
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	4.0 to 8.0	hr	

Melt Temperature

230 to 280

°C

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Recommended distributors for this material

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