

Rilsan® BESNO P20 TLO

Polyamide 11

Arkema

Message:

Rilsan ® BESNO P20 TLO is a polyamide 11 produced from a renewable source. This natural grade is plasticized and designed for extrusion. This grade contains a low amount of oligomers.

MAIN APPLICATIONS

- Fluid transportation.
- Tubing for use in motor vehicle.
- Clean hose for offshore umbilicals.
- Liner for steel pipes or composite tubes

General Information			
Additive	Plasticizer		
Features	Renewable Resource Content		
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	72		
Shore D, 15 sec	63		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	29.0	MPa	
Break	50.0	MPa	
Tensile Strain			
Yield	39	%	
Break	> 200	%	
Flexural Modulus	450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	10	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	182	°C	ISO 11357-3
Additional Information	Nominal Value	Unit	Test Method

ISO Shortname	PA11-P, EHL, 22-005	ISO 1874
Renewable Carbon Content	> 93	% 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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

