

Rilsan® BESN YELLOW 41 TL

Polyamide 11

Arkema

Message:

Rilsan ® BESN YELLOW 41 TL is a polyamide 11 produced from a renewable source. This yellow colored grade is designed for extrusion.

MAIN APPLICATIONS

Gas distribution.

General Information			
Features	Renewable Resource Content		
Appearance	Yellow		
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	76		
Shore D, 15 sec	71		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1370	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	40.0	MPa	
Break	56.0	MPa	
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	> 200	%	
Flexural Modulus	1270	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	11	kJ/m ²	
23°C	11	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, EHL, 22-010		ISO 1874
Renewable Carbon Conent	> 97	%	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

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

