

Rilsan® BESNO 24 TL CC

Polyamide 11

Arkema

Message:

Rilsan ® BESNO 24 TL CC is a polyamide 11 produced from a renewable source. This grade with good translucence properties is designed for extrusion.
MAIN APPLICATIONS
Ski top layer.

General Information			
Features	Renewable Resource Content		
Appearance	Translucent		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	77		
Shore D, 15 sec	74		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1280	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	43.0	MPa	
Break	47.0	MPa	
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	> 200	%	
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	12	kJ/m ²	
23°C	8.0	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, EHLN, 22-010		ISO 1874
Renewable Carbon Conent	> 70	%	ASTM D6866
Transparency ¹	85	%	ISO 13168-1
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

NOTE

1. 560 nm, 2 mm

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