

Rilsan® PA 11 G BESN Noir 400 TLNL

Polyamide 11

Arkema

Message:

Rilsan® PA 11 G BESN Noir 400 TLNL is a Polyamide 11 (Nylon 11) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	62		
Shore D, 15 sec	49		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	15.0	MPa	
Break	42.0	MPa	
Tensile Strain			ISO 527-2
Yield	34	%	
Break	> 250	%	
Flexural Modulus	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	20	kJ/m ²	
23°C	No Break		
Charpy Unnotched Impact Strength			ISO 179/eU
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	70.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
Melting Temperature	179 to 183	°C	ISO 11357-3
Additional Information	Nominal Value		Test Method
ISO Shortname	PA11-HIP, EHL, 22-002		ISO 1874

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