

Rilsan® HT CMNO TL

Polyphthalamide

Arkema

Message:

Rilsan ® HT CMNO TL is a polyphthalamide produced from a renewable source. This natural grade is heat and light stabilized.

MAIN APPLICATIONS

Metal wire coating.

Cable sheathing

General Information			
Features	Heat Stabilized		
	Light Stabilized		
	Renewable Resource Content		
Uses	Cable Jacketing		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/2.16 kg)	5.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	46.0	MPa	
Break	39.0	MPa	
Tensile Strain			ISO 527-2
Yield	4.5	%	
Break	> 200	%	
Flexural Modulus	1370	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-40°C	12	kJ/m²	
23°C	41	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	250	°C	ISO 11357-3
Additional Information	Nominal Value	Unit	Test Method
Renewable Carbon Conent	> 65	%	ASTM D6866
Injection	Nominal Value	Unit	
Drying Temperature	100 to 110	°C	
Drying Time	4.0 to 8.0	hr	
Processing (Melt) Temp	270 to 300	°C	

Mold Temperature	80.0 to 110	°C
Extrusion	Nominal Value	Unit
Drying Temperature	100 to 110	°C
Drying Time	4.0 to 6.0	hr
Melt Temperature	270 to 310	°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

