

RILSAN® SMNO F

Rilsan® SMNO F resin - Rilsan® POLYAMIDE 610 (PA610)

Rilsan® SMNO F is an undried polyamide 610 resin produced partially from a renewable source. This natural grade is designed for compounding applications.

Percentage of renewable carbon according to ASTM D 6866: **>60%**.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	1700 / -	MPa	ISO 527-1/-2
	247000 / -	psi	
Charpy Impact Strength, +23°C	No Break / -	kJ/m²	ISO 179/1eU
Charpy Impact Strength, -30°C	No Break / -	kJ/m²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	7 / -	kJ/m²	ISO 179/1eA
	3.33 / -	ftlb/in²	
Charpy Notched Impact Strength, -30°C	5 / -	kJ/m²	ISO 179/1eA
	2.38 / -	ftlb/in²	
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Temp. of Deflection Under Load, 1.80 MPa	65 / *	°C	ISO 75-1/-2
	149 / *	°F	
OTHER PROPERTIES			
Density	1080 / -	kg/m³	ISO 1183
	1.08 / -	g/cm³	
%Bio-Based	60	-	ASTM D6866

SPECIAL CHARACTERISTICS	
Bio-Based	
REGIONAL AVAILABILITY	
North America, Europe, Asia Pacific, South and Central America, Near East/Africa	