

RILSAN® EVOLUTION ENO P210 TL

Rilsan® EVOLUTION ENO P210 TL resin is a flexible polyamide produced from a renewable resource. This grade is designed for high pressure fuel contact application.
Percentage of renewable carbon according to ASTM D 6866: **>59%**.

Packaging:

This grade is delivered dried in sealed packaging (25kg bags) ready to be processed.

Shelf life:

Two years from the date of delivery. For any use above this limit, please refer to our technical services

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	- / 540	MPa	ISO 527-1/-2
Yield stress	- / 32	MPa	ISO 527-1/-2
Yield strain	- / 39	%	ISO 527-1/-2
Charpy Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 24	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 3	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	215 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1080 / -	kg/m ³	ISO 1183
%Bio-Based	59	-	ASTM D6866

Processing conditions:

- Typical melt temperature (min / recommended / max): 230°C / 250°C / 280°C
- Drying time and temperature (only necessary for bags opened for more than two hours): 4-8 hours at 80-90°C

PROCESSING

Other Extrusion

DELIVERY FORM

Pellets

SPECIAL CHARACTERISTICS

Bio-Based

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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