

Technical Data Sheet

Product Name: ***Polypropylene Reinforced with Glass Fiber***

Grade: ***RP73PMI-20GF-N***

Description:

RP73PMI-20GF-N is virgin polypropylene reinforced with 20 % glass fiber. It combines good mechanical properties and toughness and also appropriate thermal resistance. This grade provides high impact strength and stiffness, simultaneously. This compound has been designed for injection molding process and its main application is automotive parts, electrical goods and other finished products.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>Natural</i>
Processing Method:	<i>Injection Molding</i>
Application:	<i>Automotive Plastics Parts</i>
Packing:	<i>25 kg</i>

Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	1.07	gr/cm ³	ASTM D 792
Tensile Strength (50 mm/min)	≥55	MPa	ASTM D 638
Elongation	6-7	%	ASTM D 638
Flexural Modulus	3800	MPa	ASTM D 790
Izod Notched Impact (23°C)	12	KJ/m ²	ASTM D 256

Recommendation:

- *It should be degassed properly before using*
- *The recommended processing temperature is 180 to 240 °C*

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