

Technical Data Sheet

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

Grade: ***RP73PHI-40GF-N***

Description:

RP73PHI-40GF-N is virgin polypropylene reinforced with 40 % glass fiber. It combines excellent mechanical properties and toughness and also appropriate thermal resistance. This grade provides high tensile strength, stiffness and impact resistance. This compound has been designed for injection molding process and its main application is automotive parts and electrical goods.

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	1.25	gr/cm ³	ASTM D 792
Tensile Strength (50 mm/min)	88	MPa	ASTM D 638
Elongation	6-7	%	ASTM D 638
Flexural Modulus	5700	MPa	ASTM D 790
Izod Notched Impact (23°C)	15	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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