

Technical Data Sheet

Product Name: **Polyamide 6 Reinforced with Glass Fiber**

Grade: **RP73PA6RHI-15GF-B**

Description:

RP73PA6RHI-15GF-B is impact modified polyamide 6 reinforced with 15 % glass fiber. It combines excellent impact resistance and mechanical properties and also appropriate thermal resistance. This grade provides high toughness and dimensional stability, simultaneously. This compound has been designed for injection molding process and its main application is automotive parts.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>Black</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	1.2	gr/cm ³	ASTM D 792
Tensile Strength (50 mm/min)	≥90	MPa	ASTM D 638
Elongation	5	%	ASTM D 638
Flexural Modulus	5500	MPa	ASTM D 790
Izod Notched Impact (23 °C)	12	KJ/m ²	ASTM D 256
Izod Un-Notched Impact (23°C)	NB	KJ/m ²	ASTM D 256

Recommendation:

- It should be degassed properly before using

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