

## Technical Data Sheet

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

Grade: **RP73PA6RHI-30GF-B**

### Description:

**RP73PA6RHI-30GF-B** is impact modified polyamide 6 reinforced with 30 % 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, electrical and sporting goods and other finished products.

### General Information:

<b>Material Status:</b>	<i>Commercially Active</i>
<b>Delivery form:</b>	<i>Pellets</i>
<b>Color:</b>	<i>Black</i>
<b>Processing Method:</b>	<i>Injection Molding</i>
<b>Application:</b>	<i>Automotive Plastics Parts, Electrical Plastics Parts, Sporting Goods</i>
<b>Packing:</b>	<i>25 kg</i>

### Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	1.3	gr/cm <sup>3</sup>	ASTM D 792
Tensile Strength (50 mm/min)	≥120	MPa	ASTM D 638
Elongation	6	%	ASTM D 638
Flexural Modulus	7500	MPa	ASTM D 790
Izod Notched Impact (23 °C)	12	KJ/m <sup>2</sup>	ASTM D 256
Izod Un-Notched Impact (23°C)	NB	KJ/m <sup>2</sup>	ASTM D 256

### Recommendation:

- It should be degassed properly before using

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