

## Technical Data Sheet

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

Grade: ***RP73PA6-30GF-N***

### Description:

**RP73PA6-30GF-N** is virgin polyamide 6 reinforced with 30 % glass fiber. It combines excellent mechanical properties and toughness and also appropriate thermal resistance. This grade provides high impact strength and high 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:

<b>Material Status:</b>	<i>Commercially Active</i>
<b>Delivery form:</b>	<i>Pellets</i>
<b>Color:</b>	<i>Natural</i>
<b>Processing Method:</b>	<i>Injection Molding</i>
<b>Application:</b>	<i>Automotive Plastics Parts, Electrical Plastics Parts</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)	≥170	MPa	ASTM D 638
Elongation	6-7	%	ASTM D 638
Flexural Modulus	9000	MPa	ASTM D 790
Izod Notched Impact (23 °C)	20	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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