

## Technical Data Sheet

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

Grade: ***RP73PHS-35GF-N***

### Description:

**RP73PHS-35GF-N** is virgin polypropylene reinforced with glass fiber. It combines excellent mechanical properties and toughness and also appropriate thermal resistance. This grade provides high tensile strength and stiffness. This compound has been designed for injection molding process.

### 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>Plastics Parts</i>
<b>Packing:</b>	<i>25 kg</i>

### Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	1.18	gr/cm <sup>3</sup>	ASTM D 792
Tensile Strength (50 mm/min)	93	MPa	ASTM D 638
Elongation	5-6	%	ASTM D 638
Flexural Modulus	6500	MPa	ASTM D 790
Izod Notched Impact (23°C)	15	KJ/m <sup>2</sup>	ASTM D 256

### Recommendation:

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

*Published december, 2024*

**Web-site:** [www.rayanbaspar.com](http://www.rayanbaspar.com)

**E-mail:** [rayanbaspar.ind@gmail.com](mailto:rayanbaspar.ind@gmail.com)

**Tel:** +98 21 4478 7085

**Fax:** +98 21 4478 7085

**Address:** Polymer Technology Incubator (IPPI), Km 15, Tehran-Karaj high way, Tehran, Iran