

PP09310JBK

Product description:

PP09310JBK is a product of injection grade of 30% glass fiber reinforced PP homopolymer. It also exhibits high heat resistance as well as suitable for automotive applications.

Typical application: Injection molded part.

Typical properties:

Properties	Unit	Method	Value
<u>Physical properties</u>			
MFR	g/10 min	ISO 1133	9
Density	g/cm ³	ISO 1183-1A	1.14
<u>Mechanical and thermal properties</u>			
Tensile Stress @ Yield (50 mm/min)	MPa	ISO 527	90
Tensile Strain @ Break (50 mm/min)	%	ISO 527	3
Flexural Modulus (2 mm/min)	MPa	ISO 178	6000
Charpy (Notched) Impact Strength (23 °C)	kJ/m ²	ISO 179	8
Heat Deflection Temp. (1.80 MPa)	°C	ISO 75	141

Note: Properties reported here are typical values of the product, not to be considered as specifications.

Solution Creation makes no representations as to the accuracy or completeness of the information contained herein.

Processing guideline: For injection moulding

- Melt temperature*: 190 – 250 °C
- Mold temperature: 45 – 65 °C
- Screw speed for screw diameter of 35 mm: 30-60 rpm
- Back pressure: 5-10 MPa
- Drying condition: 80°C at least 2 hours before using.

* However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.