

Technical Datasheet

Product: Polypropylene Reinforced With 20% Glass Fiber

Grade: C1PP-20GF-N

Product Description:

C1PP-20GF-N is a natural color 20% reinforced glass fiber Polypropylene designed for injection molding process. The product provides an excellent balance of mechanical and processability and features a high long-term heat-stability. its main application is automotive parts, electrical goods and other finished products.

Applications:

- Automotive plastic parts.
- Electrical goods.
- Home appliance.

Appearance:

Polymer Host	PP
Appearance	Granule
Color	Natural
Glass Fiber Content	20%

Physical and Mechanical Properties:

Properties	Unit	Value	Standard
MFI (230°C , 2.16 Kg)	g/10min	11	ASTM D1238
Specific Gravity	g/cm ³	1.07	ASTM D792
Tensile Strength (50 mm/min)	MPa	55	ASTM D638
Elongation @ break	%	7	ASTM D638
Flexural Modulus	MPa	3800	ASTM D790
Izod Notched Impact Strength	KJ/m ²	12	ASTM D 256

Processing Temperature: The recommended processing temperature is 180 to 230 °C.

Recommendation: It should be degassed properly before using.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C1 Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C1 Polymer Co. make no warranty and liability in connection with any use of this information.