

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.

Appearance:

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

Physical 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	20	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.

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