



TECHNICAL DATA SHEET

PRODUCT NAME: FIBER COMPOUND

PRODUCT GRADE: IC-PP99030LGF

General Description

IC-PP99030LGF is a long glass fiber filled polypropylene compound intended for injection molding. IC-PP99030LGF has been developed especially for the applications appliances and electrical components, products requiring good rigidity, low shrinkage, high dimensional stability.

Technical Analysis

Items	Method of experiment	Unit	Value
Carrier Resin			PP
Appearance			White Pellets
Glass Fiber Content		%	30
Melting Temperature		°C	150-160
Density	ASTM D792	g/cm ³	1,1-1.12
Melt Flow Index (230°C/2.16kg)	ASTM D1238	g/10 min	9.3
Moisture Content	ASTM D570	%	0.05
Tensile Strength at Break	ASTM D638	MPa	64.81
Tensile Elongation at Break	ASTM D638	%	19.7
Flexural Strength	ASTM D790	MPa	102
Flexural Modulus	ASTM D790	MPa	3735
Impact Charpy Notched	ASTM D256	KJ/m ²	16.51
Hardness Shore D	ASTM D2240	D	63

Processing Technique

Application Rate

Packing

Storage

Injection molding

50-100% of the part's weight based on requirement

20 kg/bag

Keep at dry condition



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