

FC1200

PP

/ GF Reinforced

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Properties

Physical

Specific Gravity	ASTM D792	23	-	1.03
Mold Shrinkage	NPK Method	-	%	0.3~0.5

Mechanical

Tensile Strength at yield	ASTM D638	1/8", 5mm/min	kg/cm ²	500
Elongation at break	ASTM D638	1/8", 5mm/min	%	7
Flexural Strength	ASTM D790	1/8", 1.3mm/min	kg/cm ²	800
Flexural Modulus	ASTM D790	1/8", 1.3mm/min	kg/cm ²	33,000
IZOD (Notched) IZOD Impact Strength	ASTM D256	1/4", 23	kgcm/cm	10

Thermal

Melt Flow Index	ASTM D1238	230 , 2.16kg	g/10min	10
Heat Deflection Temperature	ASTM D648	1/4", 4.6kgf/cm ² 1/4", 18.5kgf/cm ²		150

Data
The listed values should be used for referential purpose only.



NPK Co., Ltd.

622-21
TEL 054-479-7387 FAX 054-479-7302