

Material Data Sheet

CF / TPU COMPOSITES MCP1375


(Eightex)

MATERIAL SUMMARY

Material Number	MCP1375	Configuration	Woven fabric
Reinforcement	CF (Tensile Modulus: 234GPa)	Polymer	TPU

PHYSICAL/MECHANICAL PROPERTIES

Property	Unit	Value	Test Method
FAW	g/m ²	200	FN1
RAW	g/m ²	102	FN1
Mass of fiber + resin	g/m ²	302	FN1
V _f	vol %	56	FN1
RC	%	34	FN1
T _g	°C	-15	JIS K 7121

FN1: Internal standard method.

- All data above is reference value only, the actual material property data depends on the reinforcement condition. Maru Hachi Corporation makes no warranty of any of technical data or information contained in this document. It is recommended to conduct actual material test for material specification and/or design values.
- Caution: Do not use this material in medical applications involving permanent implantation in human body.

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