

AC 1101 CHOPPED FIBER TECHNICAL DATA SHEET

FIBER PROPERTIES

	English		Metric		Test Method
Tensile Strength	610	ksi	4200	MPa	ISO 10618
Tensile Modulus	34,8	Msi	240	GPa	ISO 10618
Elongation	1.8	%	1,8	%	ISO 10618
Density	0,064	Ft-lbs/in ³	1,76	kJ/m ²	ISO 10119

CHOPPED FIBER PROPERTIES

Chopped Fiber Properties					
Product Code	Applications	Fiber Lengths, mm	Typical Bulk Density (For 6mm cut lengths) (g/l)	Sizing Emulsion	Sizing content (%)
AC 1101	Thermosets- Epoxy, Vinylester, Polyester, Unsaturated Polyester, PC, PPS, Amide, SAN, ABS	6	450	Phenoxy based	2,0 -2,5
AC 1101	Thermosets- Epoxy, Vinylester, Polyester, Unsaturated Polyester, PC, PPS, Amide, SAN, ABS	12	400	Phenoxy based	2,0 -2,5

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