

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/in³	1,76	kJ/m²	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 0101	Thermoplastics- ABS, LCP, PA, PC, PBT, PET, POM, PPO	3, 6 or 12	600	<i>Polyurethane based</i>	1,5 - 3,0
AC 1101	Thermosets- Epoxy, Vinylester, Polyester, Unsaturated Polyester, PC, PPS, Amide, SAN, ABS	3, 6 or 12	550	<i>Epoxy and Phenoxy based</i>	1,5 - 3,0
AC 2101	Thermoplastics (High Temperature) - PEEK, Amide, Imide.	3, 6 or 12	550	<i>Hydrocarbon based</i>	1,5 - 3,0
AC 3101	Thermosets- Epoxy, Vinylester, Polyester, Unsaturated Polyester, PC, PPS, Amide, SAN, ABS	3, 6 or 12	550	<i>Phenoxy based</i>	1,5 - 3,0
AC 4101	<i>Thermoplastics- Special for PA and PBT</i>	3, 6 or 12	500	<i>Polyamide based</i>	1,5 - 3,0