

ARTICLE CODE	SM 3900 50K C12MM
PATTERN	Chopped Carbon Fiber
FINISH	Carbon Forged
COMPOSITION	62% Carbon fiber, 38% Epoxy Resin

MATERIAL DESCRIPTION

Carbon fiber SMC is a sheet-type intermediate material made of high strength chopped carbon fiber impregnated with thermoset resin.

The random distribution of the chopped fiber is a feature of the material itself, providing discontinuity and an unrepeatable visual aspect.

	VALUE	STANDARD
Nominal weight (g/sqm)	2400 $\pm$ 5%	ISO 3374
Standard width (mm) ¹	1200 $\pm$ 1.5%	UNI EN 1773
Cured ply thickness (mm)	2.56*	-

¹Measured between selvages

*Indicative data calculated for RC 38%.

FIBER PROPERTIES	
	Random
Material variants	50K Chopped Carbon HS
Filament Yield (Tex)	3750
Fiber density ^{2,3}	1.80

²Depending on order and yarn specification

³No measure, certified by supplier

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ADDITIONAL INFORMATION

Available Chopped Fibre length:

- 12 mm

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