

ARTICLE CODE	SM 1050 50K C12MM/ C24MM
PATTERN	Chopped Carbon Fiber
FINISH	Carbon Forged
COMPOSITION	50% Carbon fiber, 50% 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)	525 ± 5%	ISO 3374
Standard width (mm) ¹	1200 ± 1.5%	UNI EN 1773
Cured ply thickness (mm)	0.73*	-

¹Measured between selvages

*Indicative data calculated for RC 50%.

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

NOTE: All technical information contained in this document are given in good faith and are based on tests believed to be reliable, but their accuracy and completeness are not guaranteed. They do not constitute an offer to any person and shall not be deemed to form the basis of any contract. Accordingly, the user shall determine the suitability of the products for their intended use prior to purchase and shall assume all risk and liability in connection therewith. The information contained herein is under constant review and liable to be modified. All products are sold subject to Microtex Composites Srl terms and conditions of sale. Copyright 2020 - Microtex Composites Srl. All rights reserved worldwide. All trademarks or registered trademarks are the property of their respective owners.

ADDITIONAL INFORMATION

Available Chopped Fibre length:

- 12 mm
- 24 mm

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