



SMC600

Product Name: SMC600

Date issued: 23.11.2019

Version: 1

Product description:

SMC 600 is a sheet molding compound based on unsaturated polyester resin reinforced with glass fibers and mineral fillers which is specially designed for use in Compo-tile decorative panels. This compound molds to parts with good and smooth surface quality. The final part could be easily painted or metalized for decorative Ceiling and backgrounds.

The product is high temperature and medium pressure compression molded and it is recommended to work with Chrome plate tools. The product contains no halogens or heavy metals.

Other colors would be available based on customer demand.

Physical Properties:

Properties	Range	Unit	TM
Density	1.80 ± 0.05	g/cm ³	ISO 1183
Glass fiber content	21 ± 2	%	ISO 1172
Flexural Strength	110	MPa	ASTM D790
Flexural Modulus	7000	MPa	ASTM D790
Impact Strength	40	KJ/m ²	ISO 179
Tensile Strength	40	MPa	ASTM D638
HDT	>200	°C	ASTMD648
Water Absorption	<50	mg/1Day	ASTM D570
Curing Time	60	Sec/mm	-
Molding Temperature	140-160	°C	-
Molding Pressure	80-100	Bar	-
Shrinkage	0.13±0.03	%	BS 2782-6
Color	L80-1015	RAL	

Form of supply:

SMC 600 is wrapped in styrene tight film and supplied on rolls holding about 100-150 kg. It is possible to place in cardboard or wooden boxes. Various kind of packaging is available. For further details, call our technical service team.

Storage:

Recommended storage temperature is between 15-20 °C and the product should be kept away from direct sunlight.

Contact information

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