



Section 1: Description

Fiberglass Warehouse Chopped Strand Mat (CSM) consist of chopped glass fibers bonded together using a polyester powder. The mats are designed to be compatible with unsaturated ortho polyester, Iso polyester, vinyl ester and a variety of other resins. Fiberglass Warehouse CSM is used as backing for gel-coat and standard laminate reinforcements for most contact molding (hand lay-up). Applications include boats, surfboards, panels, tanks and other diverse applications. Fiberglass Warehouse CSM is used to provide superior performance in a broad range of end-use markets such as marine, transportation, recreation, construction, consumer and anti-corrosion.

Fiberglass Warehouse Chopped Strand Mats are available in many different weights and widths up to 100". Minimum quantity required on custom widths and weights.

Section 2: Properties

Item - unit of measure	.75oz CSM	1oz CSM	1.5oz CSM	2oz CSM	3oz CSM
Density - oz./ft ²	.75oz	1oz	1.5oz	2oz	3oz
Binder Content - %	4.6 - 4.8	4.4 - 4.6	3.4 - 3.6	3.1 - 3.3	2.9 - 3.1
Moisture - %	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2
Normal Roll Width - inches	Varies	Varies	Varies	Varies	Varies
Roll Net Weight - lbs	Varies	Varies	Varies	Varies	Varies
Breaking Strength in Vertical - N/150mm	≥90	≥110	≥130	≥180	≥250
Breaking Strength in Horizontal - N/150mm	≥90	≥110	≥130	≥180	≥250
Solubility in Styrene - s	≤40	≤40	≤40	≤40	≤45
Solubility in Styrene - s	White	White	White	White	White

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