

## Product family description

OC™ Chopped Strand Mats are composed of chopped glass fiber strands that are bonded together into mats, either with an emulsion binder or a small amount of highly soluble polyester powder.

OC Chopped Strand Mats are designed to be compatible in resins such as unsaturated polyester (UP), vinyl ester (VE) and dicyclopentadiene (DCPD) systems, and are used as gel-coat backups and standard laminate reinforcements for most contact molding (hand lay-up) applications. Their many excellent product characteristics have been used to provide superior performance in a broad range of end-use markets such as marine, transportation, recreation, construction, consumer and anti-corrosion.

## Global quality

Owens Corning's System Thinking™ approach is targeted at meeting ongoing customer demands

for higher productivity, higher value products and excellent support. OC Chopped Strand Mats are part of this system. They provide high-quality, global products produced with a global process to meet your performance and cost requirements. Owens Corning's worldwide technical and marketing network will provide you with products and services that continue to meet your needs.

To help ensure the quality of your products, Owens Corning produces OC Chopped Strand Mats globally with the most advanced equipment, innovative surface chemistry and a major commitment to statistical process control. The Quality Management Programs of all Owens Corning manufacturing facilities are certified as meeting the requirements of ISO 9002.

OC Chopped Strand Mats are appropriate for applications with global or regional specifications, and are optimized to meet your cost and performance needs.

## Features

- Quick wetting and rapid air release
- Excellent weight uniformity
- Fine strand and superior chemistry (Powder mat)
- Superb dry mat integrity
- Small diameter, very dense rolls (Powder mat)

## Benefits

- Maximum molding productivity and reduced cost
- Consistent customer part quality
- Minimizes print-through, resulting in attractive surface finishes with excellent laminate clarity
- Enhances productivity and reduces material losses during unrolling, cutting and piece handling
- Safe and efficient materials handling

## Available products

Product reference	Weight		Resin compatibility	Process
	Gr/sm	Oz/sq.ft		
<b>Emulsion</b>				
M705	300, 375, 450, 600, 900	1.00, 1.25, 2.00, 3.00	UP, VE	Hand lay up, spray-up
MK12	450, 600	1.50, 2.00	UP, VE	Hand lay up, spray-up
<b>Powder</b>				
M723/M723A	225, 300, 375, 380, 450, 600, 900	0.75, 1.25, 1.26, 1.50, 2.00, 3.00	UP, VE, DCPD	Hand lay up, spray-up

## Packaging

OC Chopped Strand Mat is wound into a roll on a cardboard inner tube. Each roll is either wrapped in stretch-wrap and placed vertically on a pallet or polybagged, boxed, palletized and shrink-wrapped.

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SYSTEM THINKING™  
Makes the Difference