



## Fiberglass Product

### ECR CSM-225/300/450/600 Powder/Emulsion

Chopped Strand Mat

### Characteristics

CSM-225/300/450/600 P/E is the chopped strand mat that is specially designed for hand lay-up contact molding, and it has the below excellent performance:

- Good wet-out in resin
- Multi-resin-compatible
- Good tensile with flexibility
- Highly soluble resin binder
- Excellent fiber distribution
- Uniform weight
- Excellent translucency

### Specifications

Test Item	Unit	Standard	Standard	Standard	Standard
Area Weight	G/m <sup>2</sup>	225±10%	300±10%	450±10%	600±10%
Linear Density	Tex	30TEX	30TEX	30TEX	30TEX
Binder Content	%	2-8	2-8	2-8	2-8
Water Content	%	<0.2	<0.2	<0.2	<0.2
Tensile Strength MD	N/150 mm	>40	>40	>60	>80
Tensile Strength CD	N/150 mm	>40	>40	>60	>80
Width	mm	±5	±5	±5	±5
Permeation Rate	s	<30	<50	<50	<60
Color	White, slightly yellow				

### Packing and Storage

Each roll is packed in a plastic bag and is wrapped up in a sleeve. CSM-225/300/450/600 should be stored in closed containers at temperature between -10C and 40C for no more than 12 months, and protected from frost and direct sunlight.