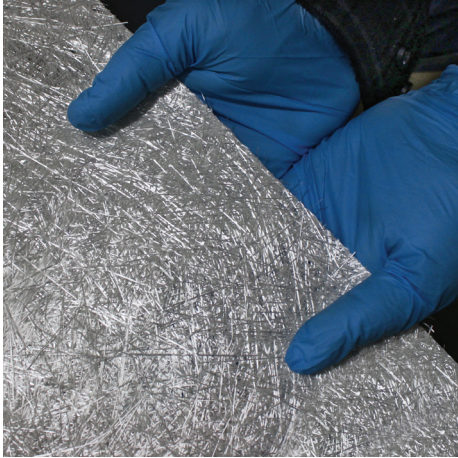


250

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Chopped Strand Mat: 1 1/2 ounce



Product Properties	
Weave Pattern	Chopped Strand
Type	E-CR glass
Tex	30
Fiber Length	1 - 2 in
Weight	1.4 - 1.6 oz/ft ²
Roll Width	38" or 50"
Binder	Highly Soluble Powdered Polyester

1-1/2 oz/sq Ft. Mat, 38" & 50" Wide, .045" Thick

Mat can be used alone or in conjunction with fiberglass fabrics or woven roving in larger fabrications. Mat is commonly used for buildup such as plywood decking and between layers of fabric when molding. Chopped strand mat contains a binder which prevents proper bonding with any epoxy resins. Use our polyester or vinyl ester resins with chopped strand mat.

(38" Typical full roll length is 80 yards)

(50" Typical full roll length is 87 yards)

Description

Chopped Strand Mat is a medium-fine fiber, rapid wetting chopped strand mat and is composed of silane sized multi-length (one to two inch) chopped glass filament bundles that average 16,500 yards/pound (30 tex or g/km). It is bonded together with a small amount of highly soluble powdered polyester binder and is designed to be randomly oriented and multi-resin compatible. This product combines the excellent mechanical and electrical properties of traditional E-glasses with the acid resistance of E-CR glasses.

General Properties for Chopped Strand Mat

- Quick wetting and rapid air release, which allows for maximum molding productivity and reduced cost.
- Excellent weight uniformity allows consistent customer part quality.
- Fine strand and superior chemistry minimizes print-through, resulting in attractive surface finishes with excellent laminate clarity.
- Superb dry mat integrity enhances productivity and reduces material losses during unrolling, cutting and piece handling.
- Small diameter, very dense rolls are safer and allow for more efficient material handling.

Visual Characteristics

- Excellent dry handling characteristics for consistent unrolling, part/kit cutting and manipulation
- Superior wet tensile strength for pre-wetting processes and easier placement and adjustment
- Exceptional roll density for fewer roll changes and reduced handling
- Superior mechanical properties and resin compatibility

Resin Compatibility

250 & 1250 1 1/2 ounce Chopped Strand Mat, is compatible with Polyester and Vinyl Ester Resin.

Information present herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.