

Mat Tape



Product Properties	
Weave Pattern	Chopped Strand
Type	E-CR
Tex	30
Fiber Length	1-2 inches
Weight	1.4 - 1.6 oz/ft ²
Thickness	0.045 in
Roll Width	3.875 - 4.125 in
Binder	Highly Soluble Powdered Polyester

1-1/2 oz/sq ft mat, 4" Wide, .045" Thick.

Like the 1-1/2 Oz. Chopped Strand Mat described below, this mat tape is a 1-1/2 oz/sq. ft. chopped strand material available in a 4" width for selective reinforcement of seams, corners or edges of large parts.

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

492, Mat Tape, is compatible with Polyester, and Vinyl Ester Resin.