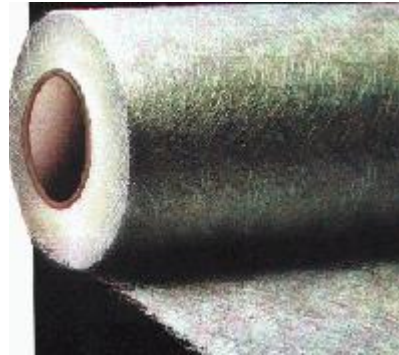


ECR Chopped Strand Mat

ECR Glass Advantage

- ✓ Environmentally friendly ECR glass is similar to E-glass but without boron and fluorine
- ✓ Due to the removal of B₂O₃ and fluorine in the glass formulation, the chemical resistance (including water-resistance, acid-resistance and alkali-resistance) is greatly improved - especially its acid-resistance Higher temperature resistance because the softening point of ECR glass is 40-500 degrees C higher than E-glass
- ✓ Has better dielectric strength, lower electrical leakage, and higher surface resistance
- ✓ Shows better mechanical properties when compared with E-glass
- ✓ Suitable for all the applications that E-glass suits, except that it is not suitable for transparent FRP panel applications
- ✓ Produced under the standard of ASTM-D578-1999 since January 2005

Specifications



-
- Glass type ECR
- Sizing silane
- Binder type powder
- Filament diameter 13 micron
- Chopped strand length: 50mm
- Weight: 450g/m² (13.3 oz/yd²) (other weights available)
- Tensile strength MD (N): 80
- Width variation -2mm / +8mm
- Moisture content: =< 0.20 %
- LOI: 3 +/-2