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TECHNICAL DATA SHEET

PRODUCT GROUP: TAIWAN GLASS INDUSTRIES CORPORATION SPRAY-UP GUN ROVINGS

PRODUCT CODE: TGFR-G2300

PRODUCT INFORMATION:

Taiwan Glass Industries Corporation (TGIC) TGFR-G2300 spray-up gun rovings offer consistent performance from all types of depositor chopper guns. It is suitable for use with most unsaturated polyester and vinyl ester resin systems in contact moulding where fast wet-out and good moulding performance is required.

TGFR-G2300 is a 2300 tex low alkali "e" glass sized with chrome/silane size giving good compatibility with unsaturated polyester and vinyl ester resins. Taiwan Glass Industries Corporation Chopped Strand Mat has Lloyd's Register of Shipping Approval, Det Norske Veritas, and ISO 9002 approvals.

ADVANTAGES:

Excellent dispersion helps eliminate clumping.

Fast wet-out and wet-through to ensure reduced resin usage and shorter work time.

Low fuzz and fly to ensure cleaner operation.

Low static insures maximum gun operator comfort and safety.

Smooth run-out, package-to-package, minimises interruptions.

Powerful strand chemistry allows use of the same roving in both filled and unfilled systems.

Minimum force to cut strands adds to cot and blade life.

APPLICATIONS: Spray-up, Premix (S.M.C., B.M.C.), Prep reg, Continuous Laminating, and F/W Reinforcement, etc. End products include marine applications, motor vehicle components, bathtubs, containers, furniture, ponds, etc.

PHYSICAL PROPERTIES:

Average cheese weight:	20kg.
Strand Length:	50mm
Filament Diameter:	11 microns.
Moisture content:	0.05% max.

FINISHED LAMINATE PROPERTIES: Indicative laminate mechanical properties of a standard laminate containing 30% reinforcement, with an ortho phthalic resin and post cured for 16 hours @ 40°C.

Tensile Strength:	95 - 100 MPa
Tensile Modulus:	7250 - 7750 MPa
Flexural Strength:	170 - 175 MPa
Flexural Modulus:	6250 - 6750 Mpa

Note: The above test results are indicative for a laminate described above. Should other styles/types of resins, or levels of reinforcement be used, the above values will not necessarily hold true.

WARRANTY:

Fiberglass (A/Asia) Sales Pty. Ltd. warrants that this product conforms to the product description contained herein. No other guarantee or warranty is expressed or implied, including warranties of merchantability or fitness for a particular purpose. Singapore Fiberglass (A/Asia) Sales Pty. Ltd. shall not be liable for incidental, consequential, or other damages resulting from user negligence, breach of warranty, or any other theory arising out of the use or handling of this product.

End users are at all times encouraged to first conduct their own tests on the product to verify its suitability for their intended use.