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Estimated Mechanical Properties (Longitudinal) of GRP Tubes (Over 31.8 mm)

28mj/kg 19 mj/kg

10-15mj/kg

Cross directional E Glass Fillers

Tubes produced over 31.8 mm are manufactured using a mixture of woven, random mat & rovings. This improves transverse properties with a reduction in longitudinal properties.

Flexural Strength Flexural Modulus Compressive Strength 450MN/m² 24GN/m² 150MN/m²

Accuracy

Small Rod Tolerance up to 6mm

Reinforced

Polyester +0.05/-0.07

Vinyl Ester +0.05/-0.15

Calorific content of 811 resin 30% glass 55%-60% glass

Available Resin Types

Polyester Orthothalic Isothalic Resins

Vinyl Ester

Acrylic Modar (6853)