



FRP SHEET & MACHINED COMPONENTS – DATASHEET

FRP SHEET – EPOXY GRADE

Property	Unit	Value
Density	g/cm ³	1.8 – 2.0
Tensile Strength	MPa	300 – 450
Flexural Strength	MPa	350 – 500
Dielectric Strength	kV/mm	> 20
Water Absorption	%	< 0.2
Temperature Class	°C	155 – 180

FRP SHEET – POLYESTER GRADE

Property	Unit	Value
Density	g/cm ³	1.7 – 1.9
Tensile Strength	MPa	200 – 350
Flexural Strength	MPa	250 – 400
Dielectric Strength	kV/mm	> 12
Water Absorption	%	< 0.5
Temperature Range	°C	100 – 130

FRP MACHINED COMPONENTS

FRP Washer, Tube, Bush, and Spacer manufactured from high-quality FRP sheets and rods. Used in electrical insulation, furnace, and structural applications.

Key Features:

- Excellent insulation
- High strength
- Corrosion resistant
- Lightweight