# CHEMICAL RESISTANT SHEET TECHNICAL DATA

**PROTECTOLITE™ SERIES 310 CORR-VE Vinyl ester CORROSION SHEET** is manufactured under high heat and pressure in matched metal moulds. It meets or exceeds CAN/CGSB 41.22 standard. **SERIES 310** **CORR-GP** sheet is an excellent premium grade vinyl ester resin, with UV inhibitors, fiberglass, filled composite laminate. Suitable for use in tanks, baffles, weir plates, ducting, spacers, pipes, and other components requiring light weight, low maintenance, higher service anti-corrosive properties.

**PROPERTIES: VALUES: METHOD:**

**TENSILE STRENGTH 14-15,000 psi ASTM D638**

**FLEXURAL STRENGHT 25-27,000 psi ASTM D790**

**FLEXURAL MODULUS 1.0 x 106 psi ASTM D790**

**COMPRESSIVE STRENGTH ≥ 30 000 psi (206.84 Mpa)   ASTM D695**

**BARCOL HARDNESS 40-45 ASTM D2583**

**IZOD IMPACT, notched > 15 ft-lb./in. ASTM D256**

**WATER ABSORPTION < 0.1% ASTM D570**

**(24 Hours @ 230C)**

**SPECIFIC GRAVITY 1.5 ± 0.05 ASTM D792**

**STANDARD COLOUR HAZE -GREY**

 **(Other colours available)**

# AVERAGE COEFFICIENT OF 10.5 x 10-6 ASTM D696

# THERMAL EXPANSION

# (Inch/Inch/°F)

**STANDARD SIZES 36”x 72”; 48”x 96”**

**STANDARD THICKNESS 1/16” through 6”**

The property values shown are based upon tests believed to be reliable. However, no liability is assumed resulting from their use. We suggest that the user perform tests in order to establish the material’s suitability for the specific application.

**July 2024**