

CHEMICAL RESISTANT SHEET
TECHNICAL DATA

PROTECTOLITE™ SERIES 210 CORR-ISO CORROSION SHEETS are manufactured under high heat and pressure in matched metal moulds. It meets or exceeds CAN/CGSB 41.22 standard. **SERIES 210 CORR-GP** sheet is an excellent premium grade isophthalic 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.

<u>PROPERTIES:</u>	<u>VALUES:</u>	<u>METHOD:</u>
TENSILE STRENGTH	14-15,000 psi	ASTM D638
FLEXURAL STRENGTH	25-27,000 psi	ASTM D790
FLEXURAL MODULUS	1.0 x 10⁶ psi	ASTM D790
COMPRESSIVE STRENGTH	30,000 psi	ASTM D790
BARCOL HARDNESS	40-45	ASTM D2583
IZOD IMPACT, notched	> 16 ft-lb./in.	ASTM D256
WATER ABSORPTION (24 Hours @ 230C)	< 0.1%	ASTM D570
SPECIFIC GRAVITY	1.85 ± 0.05	ASTM D792
STANDARD COLOUR	Light Grey (Other colours available)	
ARC RESISTANCE	130 sec	ASTM D495
DIELECTRIC STRENGTH	475 VPM	ASTM D149
DIELECTRIC CONSTANT, 60Hz	4.5	ASTM D150
AVERAGE COEFFICIENT OF THERMAL EXPANSION (Inch/ Inch/°F)	10.5 x 10⁻⁶	ASTM D696
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 to establish the material's suitability for the specific application.

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