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Poly Lining Systems 311 Series

Poly Lining Systems Inc. offers PLS-311 Resin, a corrosion coating for above-ground tanks storing petroleum fuels. PLS-311 adheres to steel and fiberglass substrates, providing quick application. PLS-311 is formulated for fiberglass tanks, compatible with alcohol-blended fuels. Ideal for interior surfaces of bulk petroleum storage tanks, PLS-311 mitigates further corrosion.

Corrosion Resistance:

The PLS 311 tank lining resin provides excellent field-proven corrosion resistance for many fuels including gasoline, kerosene, heating oil, and crude oils. For questions concerning the chemical compatibility and corrosion resistance of the PLS 311 Resin in other chemical environments, contact Poly Lining Systems, Inc.

Thin Mil Application/Recoat Flexibility:

The PLS 311 resin is applied to a nominal 20 mil thickness in 2 successive coats. Re-coat can be performed from 3 hours to 3 days after initial coating providing a great deal of timing flexibility for the applicator.

Versatile:

PLS 311 Resin is suitable for various fabricating methods such as roller application, and spray application, filament winding, etc.

Test:	Unit of Measure:	Nominal:	Test Method:
Tensile Strength	psi/MPa	11,700/80	ASTM D638
Tensile Modulus	psi/GPa	560,000/4.0	ASTM D638
Tensile Elongation	%	2.7	ASTM D638
Flexural Strength	psi/MPa	17,300/114	ASTMD790
Flexural Modulus	psi/GPa	560,000/4.0	ASTM D790
Heat Distortion Temperature Barcol	°F/°C @264 psi	295/146	ASTM D648
Hardness		46	ASTM D2583

*Typical properties are not to be construed as specifications