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Poly Lining Systems 411A Series

Poly Lining Systems Inc. offers the PLS 411A reinforced tank bottom lining system for above-ground bulk petroleum storage tanks, consisting of base resin, structural reinforcement fiberglass, and velvet, with enhanced compatibility for alcohol-blended petroleum fuels, alcohol fuels, and biodiesel fuels.

Corrosion Resistance:

The PLS 411A lining system provides excellent, field-proven corrosion resistance for many fuels including gasoline, and kerosene, heating oil and crude oils. For questions concerning the chemical compatibility and corrosion resistance of the PLS 411A System in other chemical environments.

Structural Enhancement:

The PLS 411A lining system is a fiberglass-reinforced system with increased structural properties beyond that offered by simple corrosion coatings.

Versatile:

PLS 411A Base Resin is suitable for various fabricating methods such as hand lay-up, 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