



Poly Lining Systems, Inc. Technical Data Sheet

Corrosion Resins: PLS 360e

Proprietary Blended Tank Lining System

Poly Lining Systems, Inc. PLS 360e series is a filled and specially promoted proprietary resin blend developed to meet the demanding requirements of underground petroleum storage tanks that contain oxygenated fuels.

Benefits

Corrosion Resistance

The PLS 360e series resins provide excellent corrosion resistance when used in contact with inorganic and organic acids. Solvent resistance is field-proven for many fuels, including gasoline, kerosene, heating oil and crude oils. Contact Poly Lining Systems, Inc. for corrosion resistance information or for questions regarding suitability of a resin to any particular chemical environment.

Versatile

PLS 360e series resins are suitable for various fabricating methods such as hand lay-up, spray-up, filament winding, etc.

Material Properties*

Test	Unit of Measure	Nominal	Test Method
Tensile Strength	psi/MPa	11,700/80	ASTM D 638
Tensile Modulus	psi /GPa	560,000/4.0	ASTM D 638
Tensile Elongation	%	2.7	ASTM D 638
Flexural Strength	psi /MPa	17,300/114	ASTM D 790
Flexural Modulus	psi /GPa	560,000/4.0	ASTM D 790
Heat Distortion Temperature	°F/°C, @ 264 psi	295/146	ASTM D 648
Barcol Hardness		46	ASTM D 2583

* Typical properties are not to be construed as specifications