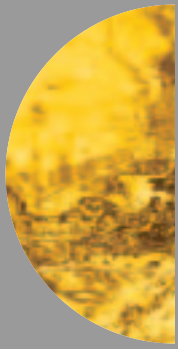


CHEMICAL RESISTANCE GUIDE



ENERFAB™
LININGS GROUP

ENERFAB™ LASTIGLAS™/MUNKADUR PL853 CHEMICAL RESISTANT COATING

	Concentration	Rating		Concentration	Rating
Acids Organic			Solvents		
Acetic	40%	LR	Formalin		R
Glacial Acetic	100%	NR	Methanol	99%	LR
Citric	40%	R	Ethanol	99%	LR
Lactic	50%	R	Ethanol	20%	R
Lactic	80%	LR	Isopropanol	99%	R
Oxalic	10%	R	Isopropanol	20%	R
Acids Inorganic			Butanol	99%	R
Hydrochloric	37%	R	Butyl Ether	99%	R
Hydrofluoric	35%	LR	Butyl Acetate	99%	R
Nitric	10%	R	Acetone		NR
Nitric	89%	NR	Methyl Ethyl Keytone		NR
Phosphoric	40%	R	Cyclohexane		R
Phosphoric	85%	R	Ethylene Glycol		R
Sulfuric	10%	R	Glycerol		R
Sulfuric	98%	NR	Chloroform		LR
Alkali			Monochlorobenzene		R
Ammonia Hydroxide	38%	R	Trichlorethylene		R
Ammonia Hydroxide	10%	R	Ethylene Dichloride		NR
Potassium Hydroxide	50%	R	Methylene Chloride		NR
Potassium Hydroxide	10%	R	Carbon Tetrachloride		R
Sodium Hydroxide	50%	R	Mineral Spirits		R
Sodium Hydroxide	10%	R	Xylene		R
Miscellaneous			Tap Water		R
Brine		R	Distilled Water		R
Phenol		NR			
Gasoline		LR	Bleach	12%	R
Gasohol		LR	D-Limonene		R
Diesel Oil		R	Iodophor		R
Motor Oil		R	Peracetic		NR
Vegetable Juice		R	Soy Bean Oil		R
Cod Liver Oil		R	Lard		R
Linseed Oil		R	Castor Oil		R
Tall Oil		R	Silicon Oil		R
Olive Oil		R	Soap Solution	10%	R
Milk		R	Skydrol 500B		R
Corn Oil		R	Beer		R
			Wine		R
			Whiskey		LR
			Orange Juice		R

R = Resistant

LR = Limited Resistance

NR = Not resistant

NOTES:

This table should be used as a guideline to determine the resistance properties for PL853. Chemical exposure results are subject to environmental changes including elevation and/or fluctuation in temperature, synergistic effects from combining chemicals all of which can vary from project to project. Coating applied by plural component heated spray @ 25 mils on 3 mil profile steel and cured for 24 hours @ 77 degrees F/50% RH
ASTM D-1308

Tg of PL 853 is much higher than typical epoxy systems and will withstand rigorous cleaning regimens that are standard with Food Grade Vessels.

ENERFAB, INC.
4955 Spring Grove Ave.
Cincinnati, OH 45232
513-641-0500
www.enerfab.com



ENERFAB™