



TYPICAL LIQUID PROPERTIES

Viscosity, Brookfield, cps 450

Appearance Clear

DOT Flammability Rating, °F 76-100

Monomer content % 35

A low styrene emission, orthophthalic polyester resin that is ultraviolet curable. It rapidly cures (<3 min.) upon exposure to the safer UVA light (365-400 nm.) amply available in natural sunlight and low-wattage fluorescent suntan bulbs. It is enhanced with UV stabilizers to greatly improve its weath-erability. It also has a “surface agent” that suffocates the surface, allowing it to cure bone dry and give it excellent sanding and buffing properties. A “blush” will occur upon curing that will need to be re-moved by light sanding. Polishing with a medium velocity electric polisher with polishing compound is necessary to bring the finish to a high luster

TYPICAL PROPERTIES OF CURED CASTING @ 77°F (guidance only)

1Tensile strength 9,600

1Tensile modulus, psi x 106 0.52

1Tensile elongation, % 3.0

2Flexural strength 19,000

2Flexural modululs, psi x 106 0.52

Compressive strength, psi 17,000

3Barcol hardness 40

Heat deflection temp, °F 180

1 ASTM D-790

2 ASTM D-638

3 ASTM D-2583

Handling: SOLAREZ Gloss resin contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and/or clothing should be worn. For important health, safety and handling information, consult the MSDS before using this product.

Storage: Store @ temperatures below 80°F. keep away from heat, sparks and open flame. handle only in diffused light -- never in direct sunlight. Direct sunlight will cause rapid curing of resin.