

SC 4600 HTT Premium Tooling Resin



SC 4600 HTT is a promoted, vinylester blended premium mold building resin developed for the fabrication of FRP tooling in multiple pull and high temperature applications.

PRODUCT FEATURES & BENEFITS

- ✓ Excellent for high temperature applications
- ✓ Created with virtually zero shrink
- ✓ Improves laminate profile by eliminating print through and surface distortion
- ✓ Helps increase balanced mold strength by up to 20%
- ✓ Offers significant labor cost reduction
- ✓ Minimizes pre-release
- ✓ Helps reduce cracking
- ✓ Reduces tooling costs by up to 25% when replacing balsa

TECHNICAL SPECIFICATIONS

APPEARANCE	PACKAGING	APPLICATION METHOD	APPROXIMATE COVERAGE
Light Tan	Drum	Sprayable	1550 sq ft/gal/mil
STYRENE	MIX RATIO	PREFERRED RED DYE CATALYST	GEL TIME
20-24%	1.50% (by volume)	MEKP 925 L 50 HP-90 K 10 DHD-9	12-20 min
GEL TO PEAK RANGE	PEAK EXOTHERM (100G MASS)	APPLICATION DENSITY RANGE	VISCOSITY/THIX INDEX
20-30 min	210-255 °F	10.4 – 11.1 lbs/gal	7,000-11,000 cps (RVT #5 @ 2.5/20.0 rpm) Thix Index: 5.5 – 7.5

All Properties are measured at 77°F/25°C

Product features and benefits are calculated based on a 100 sq ft sample compared to an all glass laminate.

SprayCore®

ITW Performance Polymers

11701 56th Court North, Clearwater, Florida 33760

Toll Free: 1-866-470-1462 • Phone: 727-573-3545 • Fax: 727-299-9797 • Email: spraycoreinfo@itwpp.com

www.itwpp.com