PHILLYSTRAN, INC.

Technical Bulletin

## SOCKETFAST BLUE (A-20)

**109-2/06**

SOCKETFAST BLUE is a premeasured, two-component, unfilled thermoset polyester resin composition specifically designed for making poured or potted terminations on Phillystran® ropes. When using SOCKETFAST BLUE, washing of the fiber prior to socketing is not necessary. SOCKETFAST BLUE will harden and cure at room temperature. Where immediate use of the cable assembly is required, SOCKETFAST BLUE can be fully cured in a matter of minutes by the application of heat*. When properly applied, SOCKETFAST BLUE produces reliable, highly efficient terminations.

| TYPICAL PROPERTIES | |
|---|---|
| Viscosity, Mixed Resin and Hardener: | 200-400 cps |
| Working (Pot) Life, 73 ° F (22.8 °C): | 20 to 30 minutes |
| Cure Schedule, Room Temperature, 73 °F (22.8°C): | 24 hours |
| *Elevated Temperature, 150 °F (65.5°C): | 5 minutes |
| Shore Hardness: | 85 D minimum |
| Compressive Strength: | > 10,000 psi |
| mpressive Modulus of Elasticity: | 5.0 x 10 5 psi |
| Heat Distortion Point: | 150 ° F (65.5 ° C) |
| Shelf Life (Storage at not above 80 ° F (26.7 ° C) | One year from date of manufacture in unopened cans |
| Package Weight, Resin: | 490 grams (in pint can) |
| Catalyst: | 5.2 grams (in plastic bottle) |

**HAZARDOUS MATERIAL:** This material is considered hazardous material for air and sea shipments and may require special packaging. The CAS number for the styrene monomer is 100425. The UN number is 1866. The CAS number for the hydrogen peroxide in the catalyst is 7722841 and the associated UN number is 3105.

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