

TECHNICAL BULLETIN NO 5 MARCH 2006

FIRE PERFORMANCE OF SOLASAFE POLYCARBONATE

This technical bulletin details fire testing that was undertaken by AWTA textile testing of Melbourne, Australia. Report Number 7-444868-CV The test was performed on Solasafe Polycarbonate sheeting.

The test was performed to AS 1530 3.1989: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release.

Results As Follows

| DISCRIPTION | MEAN | STANDARD ERROR |
|-------------------------|-----------|----------------|
| Ignition Time | N/A min | N/A |
| Flame Propagation Times | N/A s | N/A |
| Heat Released Integral | N/A KJ/m2 | N/A |
| Smoke Release, Log D | -2.2349 | 0.1056 |
| Optical Density D | 0.0067 | /M |

Number of specimens ignited: 6
Number of specimens tested: 6

| REGULATORY INDICEES | UNITS | RANGE |
|-----------------------|-------|--------|
| Ignitability Index | 0 | 0 - 20 |
| Spread of Flame Index | 0 | 0 - 10 |
| Heat Evolved Index | 0 | 0 - 10 |
| Smoke Developed Index | 0-1 | 0 - 10 |

Solasafe Polycarbonate sheeting has a vicat softening point of 148 °C and a total melt point of 250 °C.

Please contact your local Ampelite branch for the full test report