

FREVA™ SES60

Stainless Steel Fiber Reinforced Compositd Sheet

DESCRIPTION

- ✓ **FREVA™ SES60** is a highly fire retardant material with excellent flexibility and toughness.
- ✓ **FREVA™ SES60** composited by non-halogen flame retardant polymer, which can resist >1000 °C blaze flame for more than 60 minutes with a thickness of 0.6mm. According to our test, after 1 hour burning, **FREVA™ SES60** can still maintain its structural strength without break.
- ✓ **FREVA™ SES60** is halogen-free, formaldehyde-free and toluene-free. When it is burned, most of the emission is water vapor with very low smoke.
- ✓ **FREVA™ SES60** is a good replacement of fireproof fabric for passive fire protection systems, such as fire/smoke curtains, fire shutters.

PHYSICAL PROPERTIES

| Properties | Unit | FREVA™ SES60 |
|-------------------------|--------------------|--------------|
| Total Thickness | mm | 0.6 |
| Basis Weight | g/m ² | 960 |
| Width | mm | 1200 |
| Length | m | 50, 100 |
| Tensile Stress at Break | kg/mm ² | 800 |
| Elongation at Break | % | 30 |

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PRODUCT STRUCTURE



Values included in this data sheet are based on limited laboratory test specimens. These values are typical values and are not meant to be used for setting maximum or minimum values for specification purposes. Any determination of the suitability of the materials shown in this property data sheet for use by the end user is the sole responsibility of the user, who must assure themselves that the material as subsequently processed meets the need of his particular product or use. To the best of our knowledge the information in this publication is accurate and reliable, USI does not assume any liability whatsoever for the accuracy of this information.

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