



Indicative Product Properties (preliminary datasheet)

| | | SKOGAR® VHT | SKOGAR® UHT |
|--|-------------------|--|--|
| COMPOSITION | | Silica Aerogel & Silica Fibers | Silica Aerogel & Ceramic fibers |
| PROPERTIES | UNITS | VALUES | VALUES |
| Thickness Acc ISO 9073-2 | mm | 2.0 3.0 +/- 0.3 | 4.5 6.5 +/- 0.3 |
| Thermal Properties | | | |
| Thermal conductivity (at 20°C) Acc EN 12667 | W/(m.K) | 0.012 - 0.017 | 0.012 - 0.018 |
| Short-time flame exposure | °C | Up to 1400 | Up to 1700 |
| Flammability UL 94-V FAR 25.853 | - | V-0 classification FAR 25.853 App F | V-0 classification FAR 25.853 App F |
| Mechanical Properties | | | |
| Compression Stiffness - Deformation (at 0.2 MPa) Acc ASTM D575 | % | ≤ 45 | |
| Stiffness | - | Semi-rigid | |
| Electrical Properties | | | |
| Dielectric strength EN 60243-2 | kV/mm | > 2.5 | |
| Physical Properties | | | |
| Density | kg/m ³ | 145 - 165 | 170 - 190 |
| Surface chemistry | - | Hydrophobic | Hydrophobic |

All physical and mechanical values are average results from standard production, tested under internal procedures. Typical values are provided for reference only and may vary depending on testing methods. If a specific value is critical for your specifications, please contact Enersens's technical department

