



ENGLISH

Datasheet

RS Pro Superwool 607 HT Blanket 160kg 3600mm x 610mm x 13mm

RS Stock No: 137-2238

Product

Superwool 607 HT Blanket is made of Superwool 607 HT long fibres. It exhibits outstanding insulating properties at elevated temperatures. Superwool 607 HT Blanket has an excellent thermal stability and retains its original soft fibrous structure up to maximum continuous use temperature. Blanket contains neither binder nor lubricant and does not emit any fume or smell during the first firing. It is flexible, easy to cut and shape and easy to install.

Type

Blanket made from high temperature insulation wool.
CAS number: 329211-92-9

Classification Temperature

1300°C (ENV 1094-3)

Benefits

- Exceptional thermal insulating properties
- Binder and lubricant free
- Immune to thermal shock
- Low heat storage
- Good resistance to tearing
- Flexible and resilient
- Good sound absorption

Typical Properties

| | | | |
|-------------------------------|-----------------------|------------------|--|
| Colour: | white | | |
| Density: | kg/m ³ | 64, 96, 128, 160 | |
| Tensile Strength (ENV 1094-7) | 64 kg/m ³ | 30 kPa | |
| | 96 kg/m ³ | 50 kPa | |
| | 128 kg/m ³ | 75 kPa | |
| | 160 kg/m ³ | 95 kPa | |

Thermal Conductivity (ASTM C-201)

| | | | | |
|-------------------------|-------|----------------------|-----------------------|----------------------|
| at mean temperature of: | | 96 kg/m ³ | 128 kg/m ³ | 160kg/m ³ |
| 200°C | W/m.k | 0.05 | 0.04 | 0.03 |
| 400°C | W/m.k | 0.10 | 0.08 | 0.07 |
| 600°C | W/m.k | 0.19 | 0.14 | 0.12 |
| 800°C | W/m.k | 0.32 | 0.23 | 0.19 |
| 1000°C | W/m.k | 0.48 | 0.34 | 0.27 |
| 1200°C | W/m.k | 0.69 | 0.48 | 0.38 |

Chemical Composition

| | |
|------------------|--------|
| SiO ₂ | 70-80% |
| CaO + MgO | 18-25% |
| Others | <3% |