



ENGLISH

Datasheet

White Silicone Rubber Sheet, 1000mm x 600mm x 1.5mm

RS Stock number [733-6719](#)



Description:

A closed cell, skin finish silicone sponge. Resistant to UV and ozone.

Specifications:

| | |
|-----------------------------|---|
| Brittle Point: | -80°C (-112°F) |
| Limiting Oxygen Index : | 24.00% |
| Thermal Conductivity: | 0.24 W.m ⁻¹ .K ⁻¹ |
| Radiation Resistance : | >10 ⁵ Grays (10 ⁷ Rads) |
| Dielectric Strength: | 23kV.mm ⁻¹ |
| Dielectric Constant: | 2.9 |
| Dissipation Factor @ 50c/s: | 3x 10 ⁻¹ |
| Volume Resistivity : | 3x10 ¹⁵ .Ωcm |

| PROPERTY | SPECIFICATION/TEST METHOD | TYPICAL VALUE |
|---------------------------------------|---------------------------|---------------|
| Hardness Shore A: | 11 +/-4 | 13 |
| Density g/cm ³ : | 250+/-100 | 256 |
| Compression stress @ 40% strain KPa : | 90+/-40 | 90 |
| Compression Set 22 hours @ 70°C: | 15% max | 10% |
| Tensile Strength Nmm ⁻² : | 0.75min | 1.2 |
| Elongation to failure: | 100% min | 200% |
| Temperature Range: | n/a | -60° to 200°C |
| Brittle Point (°C): | ASTM D746 | -80 |