



TROCELLEN CLASSIC TECHNICAL DATA SHEET

| TECHNICAL DATA | | TEST STANDARD | UNIT | TROCELLEN CLASSIC |
|---|-----------------------------|----------------------------|-------------------|---|
| BARE FOAM:- | | | | |
| DENSITY | | ISO 845 | Kg/m ³ | 30 |
| TENSILE STRENGTH | Longitudinal Transversal | ISO 1798 | Mpa Mpa | 0.22 0.18 |
| ELONGATION AT BREAK | Longitudinal Transversal | ISO 1798 | % % | 150 180 |
| COMPRESSION STRESS STRAIN AT DEFLECTION | 10% 25% 50% | ISO 3386 | KPa KPa KPa | 9 27 78 |
| COMPRESSION SET (22h 25% 23°C) AFTER COMPRESSION RELEASE | 24hr | ISO 1856 | % | < 10 |
| TEAR STRENGTH | Longitudinal Transversal | DIN 53507 | N/mm N/mm | 0.7 0.7 |
| WATER ABSORPTION | | JIS K 6767 METHOD B | g/cm ² | 0.00005 |
| OPERATING TEMPERATURE RANGE | | - | °C | -40 to 90 |
| DIMENSIONAL STABILITY | | DIN 53431 | °C | 90 |
| THERMAL CONDUCTIVITY | 0°C 23°C 40°C | JIS A 1412-2 | W/mK | 0.035 0.037 0.040 |
| OZONE DEPLETING SUBSTANCES (NAMELY CFCs, HCFCs, HBFCs) | | US EPA 5021A (MDL 1PPM) | - | NOT DETECTED |
| VOLATILE ORGANIC COMPOUNDS (VOCs) | | US EPA 5021A (MDL 1PPM) | - | NOT DETECTED |
| GREEN STAR SPECIFICATION - TOTAL VOC EMISSION RATE | | ASTM D5116 | - | LOW VOC EMITTING (< 0.5 mg/m ² /hr) |
| NOISE REDUCTION COEFFICIENT | | ASTM C423 | - | 0.2 |
| RESISTANCE TO FUNGI | | ASTM G21 | - | ZERO GROWTH |
| FIRE BEHAVIOUR:- | | | | |
| BURNING TEST | | UL 94 | - | HF-1 |

The data and information represented above are intended as a general guide only and are not construed as specification limits.

All the above information is given in good faith and in accordance with our knowledge and experience. Any written and illustrated application instructions are without legal obligation and do not relieve you from testing and confirming the goods with regard to their suitability for the intended application, use or conversion. The high quality of our products is guaranteed according to our general sales condition.