



RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

7001 60 Ross

TRADE NAME

Coloured silicone sheet

POLYMER:

VMQ (SILICONE)

APPLICATION

Silicone

| CHARACTERISTICS | UNITS OF MEASURE | SPECIFICATIONS | VALUES | TOLERANCE |
|--------------------------|-------------------|----------------|--------|-----------|
| HARDNESS (H): | Sh.A3 | ASTM D 2240 | 60 | ± 5 |
| TENSILE STRENGTH (CR) | MPa | ASTM D 412C | 8 | min. |
| ELONGATION AT BREAK (AR) | % | ASTM D 412C | 350 | min. |
| TEAR STRENGTH | N/mm (.) | ASTM D 624B | 15 | min. |
| ABRASION RESISTANCE | mm ³ | DIN 53516 | | |
| SPECIFIC GRAVITY | g/cm ³ | DIN 53479 | 1,18 | ± 0,03 |

| | | | | |
|------------------------------|------|-------|-------------|------|
| AGEING | Δ H | Sh.A3 | | 10 |
| In: Air | Δ CR | % | ASTM D 573 | - 15 |
| For: 72 h | Δ AR | % | | -30 |
| At: 180 °C | Δ V | % | | |
| AGEING | Δ H | Sh.A3 | | |
| In: Ozone | Δ CR | % | ASTM D 1149 | OK |
| For: 72 h | Δ AR | % | | |
| At: 30 °C- 100 pphm- all. 50 | Δ V | % | | |

| | | | | | | |
|----------------------|----|------------|------|-----|------|------|
| WORKING TEMPERATURES | | | | | | |
| In Air | °C | ASTM D 573 | min: | -50 | max: | +200 |
| In Oil | °C | ASTM D 471 | min: | | max: | |
| In Water | °C | ASTM D 471 | min: | | max: | +70 |

MAIN CHARACTERISTICS

| Elasticity | Compression | Abrasion | Flame | Fuels | Ozone |
|------------|-------------|----------|-------|------------|-----------|
| GOOD/POOR | GOOD | POOR | GOOD | UNSUITABLE | EXCELLENT |

This data sheet has been issued with the greatest care and it is the result of several proofs made in our laboratory, according to specific norms. We don't ensure that the same tests carried out in other laboratories at the same conditions can give the same results.