



# RUBBER SHEETS

PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

CODE

6000 75

TRADE NAME

Fluorinated sheet

POLYMER:

FKM

Fluorinated

| CHARACTERISTICS          | UNITS OF MEASURE  | SPECIFICATIONS | VALUES | TOLERANCE |
|--------------------------|-------------------|----------------|--------|-----------|
| HARDNESS (H):            | Sh.A3             | ASTM D 2240    | 75     | ± 5       |
| TENSILE STRENGTH (CR)    | MPa               | ASTM D 412C    | 8      | min.      |
| ELONGATION AT BREAK (AR) | %                 | ASTM D 412C    | 170    | min.      |
| TEAR STRENGTH            | N/mm (.)          | ASTM D 624B    | 20     | min.      |
| ABRASION RESISTANCE      | mm <sup>3</sup>   | DIN 53516      |        |           |
| SPECIFIC GRAVITY         | g/cm <sup>3</sup> | DIN 53479      | 1,90   | ± 0,03    |

|            |      |       |            |     |
|------------|------|-------|------------|-----|
| AGEING     | Δ H  | Sh.A3 |            | 3   |
| In: Air    | Δ CR | %     | ASTM D 573 | -8  |
| For: 72 h  | Δ AR | %     |            | -10 |
| At: 200 °C | Δ V  | %     |            |     |

|                              |      |       |             |  |
|------------------------------|------|-------|-------------|--|
| AGEING                       | Δ H  | Sh.A3 |             |  |
| In: Ozone                    | Δ CR | %     | ASTM D 1149 |  |
| For: 70 h                    | Δ AR | %     |             |  |
| At: 30 °C- 100 pphm- all. 50 | Δ V  | %     |             |  |

|             |      |       |            |     |
|-------------|------|-------|------------|-----|
| AGEING      | Δ H  | Sh.A3 |            | -7  |
| In: IRM 903 | Δ CR | %     | ASTM D 471 |     |
| For: 72 h   | Δ AR | %     |            |     |
| At: 150 °C  | Δ V  | %     |            | + 6 |

| WORKING TEMPERATURES |    |            |      |      |      |       |  |
|----------------------|----|------------|------|------|------|-------|--|
| In Air               | °C | ASTM D 573 | min: | - 10 | max: | + 200 |  |
| In Oil               | °C | ASTM D 471 | min: |      | max: | +150  |  |
| In Water             | °C | ASTM D 471 | min: |      | max: | +100  |  |

| MAIN CHARACTERISTICS |             |          |           |           |           |
|----------------------|-------------|----------|-----------|-----------|-----------|
| Elasticity           | Compression | Abrasion | Flame     | Fuels     | Ozone     |
| UNSUITABLE           | EXCELLENT   | POOR     | EXCELLENT | EXCELLENT | 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.