

## TEKNISK SPESIFIKASJON

| MATERIAL: 5423                              |                   | POLYMER: NBR |             |
|---|-------------------|--------------|-------------|
| Physical properties                         | Unit              | Value        | Standard    |
| Hardness                                    | ° Shore A         | 70±5         | ASTM 2240   |
|   | °IRHD             | 70±5         | ISO 48      |
| Tensile strength                            | min MPa           | 10           | ISO 37      |
| Elongation at break                         | min %             | 250          | ISO 37      |
| Tear strength                               | min N/mm          | 35           | ISO 34 C    |
| Density, approximately                      | Mg/m <sup>3</sup> | 1,31         |             |
| Compression set                             |                   |              | ISO 815     |
| 24h/70° C:                                  | max %             | 15           |             |
| 24h/100° C:                                 | max %             | 20           |             |
| Working temperature range                   | ° C min/max       | -30 / +100   |             |
| Ageing change in                            | h/ °C             | 72 / 100     | ISO 188     |
| - hardness:                                 | °IRH              | 10           |             |
| - tensile strength:                         | max %             | ±10          |             |
| - elongation at break:                      | max %             | -35          |             |
| Volume change in liquid                     |                   |              | SS-ISO 1817 |
| - SIS B 72 h/ 23 °C:                        | max %             | -20 / +20    |             |
| - ASTM / SIS 1 72 h/ 100 °C:                | max %             | -16          |             |
| - IRM 903 72 h/ 100 °C:                     | max %             | -5 / +5      |             |
| - Lead free gasoline 95 octane, 72 h/23° C: | max %             | 0/+17        |             |
| - Liquid F, 72 h/23° C:                     | max %             | 0/+18        |             |
| Colour                                      |                   | Black        |             |
| Electrical properties                       |                   |              | Antistatic  |
| Electric volume resistivity                 | Ohm x m           | 2x10E4       | IEC 93      |
| Electric strength                           | kV                |              |             |
| Durability:                                 |                   |              |             |
| Water                                       |                   |              | Excellent   |
| Diluted acids and bases                     |                   |              | Good        |
| Conc. acids and bases                       |                   |              | Bad         |
| Oil resistance                              |                   |              | Very good   |

