

## Technical specification

### SBR/NR Styrene-Butadiene rubber SBR/NR Styren-Butadiengummi

**Description** A rubber cloth in medium hardness. Suitable for gaskets and shims in most applications. Also available with insert.  
 En medelhård gummiduk lämplig i de flesta applikationer för packningar och mellanlägg. Finns även med inlägg.

| Properties  | Unit               | Value                | Test method |
|---|--------------------|----------------------|-------------|
| Hardness / <i>Hårdhet</i>                                 | °Shore A           | 65 +/-5              | ASTM 2240   |
|   | °IRHD              | 65 +/-5              | ISO 48      |
| Tensile strength / <i>Brottgräns</i>                      | Min Mpa            | 3                    | ISO 37      |
| Elongation at break / <i>Brottöjning</i>                  | Min %              | 300                  | ISO 37      |
| Tear strength / <i>Rivhållfasthet</i>                     | Min N/mm           | 10                   | ISO 34 C    |
| Density approx. / <i>Densitet c:a</i>                     | Mg/m <sup>3</sup>  | 1,55                 |             |
| Maximum load / <i>Maximal belastning</i>                  | Kg/cm <sup>2</sup> | n/a                  |             |
| Compression set / <i>Sättning</i>                         | 24h/70°C max%      | 44                   | ISO 815     |
|   | 24h/100°C max%     | n/a                  |             |
| Working temp. range / <i>Arbetstemperaturområde</i>       | °C min/max         | -15/+70              |             |
| Ageing / <i>Åldring</i>                                   | h/°C               | 168/70               | ISO 188     |
| change in / <i>ändring i</i>                              |                    |                      |             |
| Hardness / <i>Hårdhet</i>                                 | °IRH               | +10                  |             |
| Tensile strength / <i>Brottgräns</i>                      | Max %              | -10                  |             |
| Elongation at break / <i>Brottöjning</i>                  | Max %              | -40                  |             |
| Volume change in liquid / <i>Volymändring i vätska</i>    |                    |                      | SS-ISO 1817 |
| SIS B 72h/23°C  | Max %              | n/a                  |             |
| ASTM / SIS 1 72h/100°C                                    | Max %              | n/a                  |             |
| IRM 903 72h/100°C   | Max %              | n/a                  |             |
| Distilled water 168 h/100°                                | Max %              | n/a                  |             |
| Ozone resistance / <i>Ozonresistans</i>                   |                    |                      | SS 162210   |
| 30°C/50 pphm/96 h   | Min % elong.       | n/a                  |             |
| 30°C/200 pphm/96 h  | Min % elong.       | n/a                  |             |
| Colour / <i>Färg</i>                                      |                    | Black / <i>Svart</i> |             |
| Electrical properties / <i>Elektriska egenskaper</i>      |                    | n/a / <i>n/a</i>     |             |
| Durability / <i>Hållbarhet</i>                            |                    |                      |             |
| Water / <i>Vatten</i>                                     |                    | Good / <i>Bra</i>    |             |
| Diluted acids and bases / <i>Utspädda syror och baser</i> |                    | Good / <i>Bra</i>    |             |
| Conc. acids and bases / <i>Konc. syror och baser</i>      |                    | Bad / <i>Dålig</i>   |             |
| Oil resistance / <i>Oljeresistivitet</i>                  |                    | Bad / <i>Dålig</i>   |             |

This specification is given by our best knowledge and might be submitted to changes.