

**Datasheet**  
EPDM Budget 70°

|                         |                          |
|-------------------------|--------------------------|
| <b>MATERIAL: 708685</b> | <b>POLYMER: EPDM/SBR</b> |
|-------------------------|--------------------------|

| Physical properties                | Unit              | Value      | Standard  |
|------------------------------------|-------------------|------------|-----------|
| <b>Hardness</b>                    | ° Shore A         | 65±5       | ASTM 2240 |
|                                    | ° IRHD            | 65±5       | ISO 48    |
| <b>Tensile strength</b>            | min MPa           | 5          | ISO 37    |
| <b>Elongation at break</b>         | min %             | 300        | ISO 37    |
| <b>Tear strength</b>               | min N/mm          | 10         | ISO 34 C  |
| <b>Density, approximately</b>      | Mg/m <sup>3</sup> | 1,40       |           |
| <b>Compression set</b>             |                   |            | ISO 815   |
| <b>22h/70°C:</b>                   | max %             | 48         |           |
| <b>24h/100°C:</b>                  | max %             |            |           |
| <b>Working temperature range</b>   | °C min/max        | -25 / + 80 |           |
| <b>Ageing</b>                      | h/°C              | 72 / 100   | ISO 188   |
| <b>change in</b>                   |                   |            |           |
| - hardness:                        | Max ° IRHD        | 9          |           |
| - tensile strength:                | max %             | -15        |           |
| - elongation at break:             | max %             | -42        |           |
| <b>Colour</b>                      |                   | Black      |           |
| <b>Electrical properties</b>       |                   |            |           |
| <b>Electric volume resistivity</b> | Ohm x m           |            |           |
| <b>Electric strength</b>           |                   |            |           |
| <b>Durability:</b>                 |                   |            |           |
| <b>Water</b>                       |                   |            | Good      |
| <b>Diluted acids and bases</b>     |                   |            | Good      |
| <b>Conc. acids and bases</b>       |                   |            | Bad       |
| <b>Oil resistance</b>              |                   |            | Bad       |