



## TECHNICAL SPECIFICATION

| MATERIAL: 1729                                                                             |                                 | POLYMER: SBR / NR             |                        |
|--------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|------------------------|
| <u>Physical properties</u>                                                                 | <u>Unit</u>                     | <u>Value</u>                  | <u>Standard</u>        |
| Hardness                                                                                   | ° Shore A<br>°IRHD              | 70±5<br>70±5                  | ASTM 2240<br>ISO 48    |
| Tensile strength                                                                           | min MPa                         | 4,0                           | ISO 37                 |
| Elongation at break                                                                        | min %                           | 200                           | ISO 37                 |
| Tear strength                                                                              | min N/mm                        | 15                            | ISO 34 C               |
| Density, approximately                                                                     | Mg/m <sup>3</sup>               | 1,5                           |                        |
| Maximum load                                                                               | kg/cm <sup>2</sup>              | 25                            |                        |
| Compression set<br>24h/70° C:<br>24h/100° C:                                               | max %<br>max %                  | 40<br>-                       | ISO 815                |
| Working temperature range                                                                  | ° C min/max                     | -15 / +80                     |                        |
| Ageing<br>change in<br>- hardness:<br>- tensile strength:<br>- elongation at break:        | h/ °C<br>°IRH<br>max %<br>max % | 168 / 70<br>+10<br>±10<br>-40 | ISO 188                |
| Colour                                                                                     |                                 | Black                         |                        |
| Electrical properties<br>Electric volume resistivity<br>Electric strength                  | Ohm x m                         | 9x10E13<br>11 kV/3 mm         | Insulating<br>  IEC 93 |
| Durability:<br>Water<br>Diluted acids and bases<br>Conc. acids and bases<br>Oil resistance |                                 | Good<br>Good<br>Bad<br>Bad    |                        |

Elastomer Laminates