

## Datasheet

### Cellular rubber EPDM

| Material                                 |   | EPDM-NR-SBR  |  |
|--|---|--|--|
| Color                                    |   | Black  |  |
| Cellular structure                       |   | Closed   |  |
| Specification according to               | ASTM D 1056-2007<br>AFNOR NF R 99211-80<br>SAE J 18-79<br>DIN 7726<br>FMVSS 302 | 2A1/2<br>2C 08 A1 B4 C2<br>RE 41/42<br>-<br>e ≤ 3.2mm        |  |
| Density / shore hardness                 |   | 40° Shore 00 ±10 / ISO 845-88<br>120 kg/m <sup>3</sup> ±25kg |  |
| Compression deflection                   | 25%<br>50%  | ASTM D 1056-00<br>NF R 99211-80                              | 38 kPa* 20 – 50 kPa<br>110 kPa* 80 – 160 kPa |
| Compression set 50% / 22h                | 23°C<br>40°C  | ASTM D 1056-00<br>NF R 99211                                 | 15%*      ≤ 25%<br>38%*      ≤ 60%           |
| Water absorption                         | ASTM D 1056-00  |  | 3.5%*      ≤ 8%                              |
| Linear shrinkage                         | After 7 days / 70°C   |  | 3.5%*      ≤ 5%                              |
| Ultime elongation                        | ISO 1798-97   |  | ≥ 120%                                       |
| Tensile strength                         | ISO 1798-97   |  | ≤ 350 kPa                                    |
| Tear resistance                          | ISO 34-1 (B-a) 94   |  | ≤ 1 kN/m                                     |
| Temperature range                        | Continuous – maximum  |  | -40°C / +80°C - + 100°C                      |
| Resistance                               | Air + UV<br>Ozone<br>Oil  | 168 h / 200 pphm   | Outstanding<br>No cracks<br>-                |
| Corrosive effect on Copper<br>And Silver | 3 according to VDA 675 241  |  | Corrosive                                    |
| Paint staining                           | > 5 according to Ford WSK M2<br>D419-A  |  | Not staining                                 |
| Environment / recycling                  |   | CFC and HCFC-free / recyclable                               |  |

\* average values 1700014

In the same quality, the characteristics of cellular rubber can vary according to numerous factors such as: thickness of sheets, sheet with or without moulding skins, methods of tests, etc. The above given information should be considered only as a guide in making a choice of material according to the use to which it is put.