



### DESCRIPTION

The CC004 compound (cellular EPDM) is characterized by its high-density foam structure, offering superior structural strength. Its formulation ensures excellent resistance to high temperatures and weathering, providing durable protection and outstanding resilience against mechanical and environmental stresses during service.

|                           |             |
|---------------------------|-------------|
| <b>Cellular structure</b> | Closed-cell |
| <b>Color</b>              | Black       |
| <b>Material type</b>      | EPDM        |

### APPLICATIONS

- Automotive
- Heating and air conditioning
- Railway
- Constructions
- Security
- Aerospace
- Naval
- Earthmoving machinery
- Machines tools
- Sport
- Eletrical
- Photovoltaics
- Wind energy
- Electricity

### TECHNICAL DATA

| Test description               | Standard                           | Unit              | Value                               |
|--------------------------------|------------------------------------|-------------------|-------------------------------------|
| <b>Density</b>                 | ISO 845                            | kg/m <sup>3</sup> | 175 ± 25                            |
| <b>Deformation</b>             | ASTM D-1056                        | %                 | 25 (50 ±15 kPa)<br>50 (120 ±40 kPa) |
| <b>Compression</b>             | ASTM D-1056<br>23°C, 50% after 24h | %                 | < 25                                |
| <b>Water absorption</b>        | ASTM D-1056                        | %                 | < 5                                 |
| <b>Hardness</b>                | ISO 868                            | Sh 00             | 40 ± 8                              |
| <b>Temperature</b>             |                                    |                   |                                     |
| Constante temperature          |                                    | °C                | -50 / +110                          |
| Intermittent temperature       |                                    | °C                | +120                                |
| <b>Resistance</b>              | Ozone, abrasion, and weathering    |                   |                                     |
| <b>Environmental standards</b> | REACH – RoHS<br>CMRT               |                   |                                     |

*The technical specifications mentioned above are typical average values obtained using the test methods indicated and may therefore be subject to normal manufacturing variations. They are provided for guidance only. They do not constitute a guarantee, and we recommend that you carry out a test before final implementation.*