



### DESCRIPTION

The PEC01 blend is characterized by its low-density foam structure, offering exceptional lightness and great flexibility in use.

|                           |                         |
|---------------------------|-------------------------|
| <b>Cellular structure</b> | Closed-cell             |
| <b>Color</b>              | Anthracite grey / white |
| <b>Material type</b>      | Polyethylene PE         |

### APPLICATIONS

- Construction
- Security
- Shoes
- Packaging

### TECHNICAL DATA

| Test description              | Standard                                     | Unit              | Value                             |
|-------------------------------|----------------------------------------------|-------------------|-----------------------------------|
| <b>Density</b>                | ISO 845                                      | kg/m <sup>3</sup> | 30 ± 4                            |
| <b>Deformation</b>            | ISO 3386                                     | %                 | 25 (45-55 kPa)<br>50 (65-120 kPa) |
| <b>Compression</b>            | ISO 815-1<br>23°C, 50% after 24h             | %                 | < 30                              |
| <b>Compression deflexion</b>  | ISO 1856<br>23°C, 50% 22h                    | %                 | 25                                |
| <b>Water absorption</b>       | ISO 7214                                     | %                 | < 3                               |
| <b>Hardness</b>               | ISO 868                                      | Sh 00             | 50 ± 5                            |
| <b>Temperature</b>            |                                              |                   |                                   |
| Constante temperature         |                                              | °C                | -40 / +80                         |
| Intermittent temperature      |                                              | °C                | --                                |
| <b>Resistance</b>             | Ozone, abrasion, and weathering              |                   |                                   |
| <b>Environmental standard</b> | Recyclable<br>REACH – RoHS<br>IMDS available |                   |                                   |

*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*