



| **SOLE**

| **Expansion 1.25**

Technical Information

Product description

Designed for the footwear segments crosslinkable and foam compounds primarily based on EVA. It is to be had in many colorations.

Storage conditions

The material must be stored in closed and undamaged bags, at dry places not exceeding 30 °C, avoiding direct exposure to sunlight and weathering. With these storage conditions the shelf life of the material is six months.

| Physical information | TEST METHOD | Value | Tolerance | Unit |
|----------------------|-------------|-------|-----------|-------------------|
| Density | ISO 2781 | 0,48 | ±0,03 | g/cm ³ |

| Hardness Information | | | | |
|----------------------|---------|----|----|---------|
| | ISO 868 | 48 | ±3 | Shore A |

Durometer Hardness

| | | | | |
|--|------------|----|----|---------|
| | ASTM D2240 | 65 | ±3 | Asker C |
|--|------------|----|----|---------|

| Mechanical Properties | | | | | |
|-----------------------|-----------------|--------------|-----|------|-----------------|
| Tensile strength | ISO 37 | without skin | 4,5 | ≥ | mPa |
| Elongation at break | ISO 37 | | 300 | ≥ | % |
| Tear strength | ISO 34 Met. A | without skin | 5,5 | ≥ | kN/m |
| Abrasion | ISO 4649 | 10N – 40cm | 200 | ≤ | mm ³ |
| Shrinkage | Internal method | 24h at 70°C | 6 | ≤ | % |
| Expansion rate | Internal method | | 125 | ±0,5 | % |

| Processing Information | Value | Unit |
|------------------------|---------|------|
| First barrel zone | 85-95 | °C |
| Second barrel zone | 85-95 | °C |
| Third barrel zone | 85-95 | °C |
| Head of the barrel | 90-100 | °C |
| Mould temperature | 175-185 | °C |
| Curing time | 420-480 | s |

The processing information provided for informational purposes. Temperatures, climate conditions, pressure and time are strongly influenced by the equipment and the mould construction and must be controlled manner during injection moulding process.

For any further information please contact info@evacare.com.tr

EVACARE

Giyim Koop. Sanayi Sitesi, Deposite Outlet İş Mrk. Depo Katları 5A/6A Blok. Kat:4 No: 410, 34490

Başakşehir/İstanbul, Türkiye

Tel: +90 212 243 64 55 E-mail: info@evacare.com.tr

<https://www.evacare.com.tr>