

Technical datasheet

Diepocell[®] MH 30-45

| Basic information | Specification |
|----------------------|--|
| Basic elastomer | PU (foamed) |
| Fabric ply | without ply |
| Description/features | Material for vibration dampening with good mechanical properties |
| Format | Rolls: 0.5 m x 0.25 m |
| Colour | creamy white |

| Technical data | Standard term/Specification | Unit | Testing method |
|---------------------------|-----------------------------|-------------------|-----------------------------|
| Density | 0.45 | g/cm ³ | DIN EN ISO 1183-1 |
| Shore A | n.a. | °Sh A | DIN ISO 7619-1 |
| Tensile strength | 4.5 | N/mm ² | DIN 53504 |
| Elongation at break | 525 | % | DIN 53504 |
| Abrasion | n.a. | mm ³ | DIN ISO 4649 method A |
| Tear strength | 18 | kN/m | DIN ISO 34-1 |
| Impact resilience | 50 | % | DIN 53512 |
| Compression set | 4 | % | DIN ISO 815-1 (70 h, 22 °C) |
| | 13 | | DIN ISO 815-1 (24 h, 70 °C) |
| Medium compressive stress | 20 % | 0.24 | N/mm ² |
| | 30 % | 0.32 | |
| | 40 % | 0.38 | |
| | 50 % | 0.62 | |
| | 60 % | 1.20 | |
| | 70 % | 3.06 | |
| Temperature range | from - 30 to +80 | °C | |

| Resistance | Standard term/Specification |
|-------------------|-----------------------------|
| Oil | ⊖ |
| Fuels | ⊖ |
| Acids | ⊖ |
| Alkaline solution | n.sp. |
| Weather | n.sp. |

| Legend |
|--|
| ⊕ ⊕ = particularly resistant ⊖ = not resistant n.sp. = not specified ⊕ = resistant n.a. = not applicable |

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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