


Cast Polyurethane Elastomer (CPU) – Hydrolysis resistant – 95A

# G-ECOPUR

DIN: AU

| Property                       | Unit              | Value      | Standard  |
|--------------------------------|-------------------|------------|---|
| Standard color                 | –                 | Red        |  |
| Durometer hardness*            | Shore A           | 95 ±2      | DIN ISO 48-4  |
| Durometer hardness*            | Shore D           | 47 ±3      | DIN ISO 48-4  |
| Density                        | g/cm <sup>3</sup> | 1,17 ±0,01 | DIN EN ISO 1183-1   |
| Tensile strength               | MPa               | ≥ 45       | DIN 53504   |
| Elongation at break            | %                 | ≥ 330      | DIN 53504   |
| 100% modulus                   | MPa               | ≥ 11       | DIN 53504   |
| Compression set:               |                   |            |   |
| 70 °C / 24 h, 20% compression  | %                 | ≤ 30       | DIN ISO 815   |
| 100 °C / 24 h, 20% compression | %                 | ≤ 40       | DIN ISO 815   |
| Abrasion                       | mm <sup>3</sup>   | 18         | DIN ISO 4649  |
| Minimum service temperature    | °C                | –30        | –   |
| Brittleness temperature        | °C                | <–60       | –   |
| Maximum service temperature    | °C                | +110       | –   |
| Short term                     | °C                | +125       | –   |

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards. The values density, durometer hardness (Shore A) and those marked with the symbols, greater than or equal to (≥) and smaller than or equal to (≤), are nominal values and must be fulfilled for each batch. These values are tested on selected samples.

\* Testing time is 3 seconds

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