


X-ECOPUR

*Thermoplastic polyurethane elastomer (TPU)
raw material base polyester*

DIN: YAU ASTM: YAU

| Property | Unit | Value | Standard |
|--------------------------------|-------------------|------------|---|
| Standard color | – | Dark green |  |
| Durometer hardness* | Shore A | 97 ±1 | DIN ISO 7619 |
| Durometer hardness* | Shore D | 57 ±3 | DIN ISO 7619 |
| Density | g/cm ³ | 1,21 ±0,01 | DIN EN ISO 1183-1 |
| Tensile strength | MPa | ≥ 45 | DIN 53504 |
| Elongation at break | % | ≥ 400 | DIN 53504 |
| 100% modulus | MPa | ≥ 16 | DIN 53504 |
| Compression set: | | | |
| 70 °C / 24 h, 20% compression | % | ≤ 30 | DIN ISO 815 |
| 100 °C / 24 h, 20% compression | % | ≤ 35 | DIN ISO 815 |
| Tear strength | N/mm | 130 | DIN ISO 34-1 |
| Abrasion | mm ³ | 18 | DIN ISO 4649 |
| Minimum service temperature | °C | –30 | – |
| Maximum service temperature | °C | +110 | – |

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards.

* testing time is 3 s

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