# Technical Data Sheet

## Badaflex® TPE-E 55D 1932

TPE-E

Thermoplastic Elastomer based on Polyester

| Properties | Test Methods | Units | Typical Values |
|---|---|---|---|
| **Hardness** | DIN 53505 | Shore A<br>Shore D | 50D<br>- |
| **Density** | DIN 53479 | $g/cm^3$ | 1.2 |
| **Tensile Strength**<br>Parallel Direction<br>Transverse Direction | DIN 53504 | MPa | <br>25<br>- |
| **Elongation at Rupture**<br>Parallel Direction<br>Transverse Direction | DIN 53504 | % | <br>450<br>- |
| **Tear Strength**<br>Parallel Direction<br>Transverse Direction | DIN 53515 | N/mm | <br>-<br>- |
| **Compression Set**<br>72h/23 °C<br>24h/70 °C<br>24h/100 °C | DIN 53515 | % | <br>-<br>-<br>- |
| **Predrying**<br>Drying Temperature<br>Drying Time | <br>-<br>- | <br>°C<br>h | <br>100 - 110<br>3 - 4 |
| **Processing Temperatures**<br>Melt Temperature<br>Tool Temperature | <br>-<br>- | <br>°C<br>°C | <br>210 - 225<br>10 - 50 |

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