

PTFE-TFM1600 FDA weiß I white – 1612

| Eigenschaften I Characteristics | Messbedingungen I Measure conditions | Einheit I Unit of measure | DIN | ASTM | PTFE-TFM1600 FDA weiß I white - 1612 |
|---|--------------------------------------|---|-------|-------|--------------------------------------|
| Übliche Bezeichnung I Usual description | | | | | PTFE-P |
| Farbe I Colour | | | | | weiß I white |
| Dichte I Spec. Gravity | | g/cm ³ | 53479 | | 2,16 |
| Härte I Hardness | | Shore D | | D2240 | 51 - 65 |
| Spannungswert I Extension Modulus | | | | | |
| Zugfestigkeit I Tensile Strength | | N/mm ² | 53455 | | 30 |
| Ball Hardness | H132/6 | N/mm ² | 53456 | | 28 |
| Bruchdehnung I Elongation | | % | 53455 | | 400 |
| Coefficient of friction (dyn.) | | μ | | D1894 | 0,06 |
| Wear factor (K) | | cm ³ min 10 ⁻⁸ / kg m h | | D3702 | |
| Weiterreifestigkeit I Tear Strength | | | | | |
| Druckverformungsrest I Compression Set | | | | | |
| Compression strength | at 1% deformation | N/mm ² | | D695 | 4 – 5 |
| Temperatur min. | | °C | | | -200 |
| Temperatur max. | | °C | | | 260 |
| Temp. max. Wasser/Dampf I water/stream | | °C | | | |
| Temp. max. Heiluft I Temp. max.hot air | | °C | | | |
| Therm. Exp. Coeff. (lin.) 25-100° | | 10 ⁻⁵ /°C | | D696 | 17 |

Alle Daten wurden von Laborprfkrpern gewonnen, sie sind somit nicht auf fertige Dichtungen bertragbar.
All test-results are measured from test specimen and cannot be transfered to seal applications.

Status: 112004 I muelner