

Material
58 PVMQ 534

light blue

cross linking: peroxidic

| | | | |
|-----------------------|----------------------|-------------|-------|
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| 11 | 5/4/2021 | | |

| Physical properties | nominal range | typical values | |
|--|----------------------|-----------------------|-------------------|
| Density DIN EN ISO 1183-1 | 1.20 ±0.02 | 1.20 | g/cm ³ |
| Hardness DIN ISO 7619-1, Shore A | 58 ±5 | 57 | Shore |
| Rebound resilience DIN 53512 | --- | 40 | % |
| Modulus 100 %, DIN 53504, S2 | > 0.8 | 1.2 | MPa |
| Tensile strength DIN 53504, S2 | > 8 | 11.5 | MPa |
| Elongation at break DIN 53504, S2 | > 300 | 420 | % |
| Compression set DIN ISO 815, Slab B, 24 h, 175 °C | < 25 | 20 | % |
| Low Temperature DIN 53765, nach DSC | --- | -117 | °C |
| Tear strength DIN ISO 34-1, 23 °C, Method B, Procedure A | --- | 37 | KN/m |
| Temperature range | -100°C to 180°C | | |

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

| Country | Part | Remark | Expires |
|-------------------|-------------|---|----------------|
| ADI Free | | see certificate | see DoC |
| Info ROHS and ELV | | EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III) | see DoC |

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No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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