

CR 50 / 80-04-50000

50 ShA / sulfur – ETU crosslinked / black

- Chloroprene rubber (neoprene)
- Polymer, chlorinated butadiene
- Standard material; tested according to DBL 5561-40 v. 02.03.92
- Very good resistance to weathering, ageing, ozone, refrigerants, acids and alkalis.
- High resistance to chemical influences, fresh and salt water, wax, fats and non-alcoholic solvents.
- aromatic hydrocarbons.

| Property | Value | Unit | DIN Standard |
|-------------------------------------|------------|-------------------|-------------------|
| Hardness | 50 ±5 | Shore A | DIN ISO 7619-1 |
| Density | 1,40 ±0,03 | g/cm ³ | DIN EN ISO 1183-1 |
| Tensile strength at 100% elongation | – | N/mm ² | DIN 53504 |
| Elongation at break | 543 | % | DIN 53504 |
| Tensile strength | 12,6 | N/mm ² | DIN 53504 |
| Compression set 70°C/24h | 20 | % | DIN ISO 815-1 B |
| Rebound resilience | 43 | % | DIN ISO 53512 |
| Tear resistance | 6,4 | N/mm | DIN ISO 34-1 A |
| Tear resistance | 13 | N/mm | DIN ISO 34-1 B |
| min. operating temperature | -40 | °C | static |
| min. operating temperature | -35 | °C | constantly |
| max. operating temperature | +100 | °C | constantly |
| max. operating temperature short | +130 | °C | couple of hours |

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

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