

Z429

FKM 90 BLACK HF

REV. 2

General Application

Temperature Range

From -15°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures
Steam

Compliances

Note

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Disclaimer

Tests performed on test slabs. Temperatures, applications and indications are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPERTIES

| Property | Test STD | Unit | Value |
|-------------------|------------|-------------------|-------------|
| Density | ISO 2781 | g/cm ³ | 1,89 ± 0,03 |
| Hardness | ISO 7619-1 | ShA | 90 ± 5 |
| Tensile Strength | ISO 37 | N/mm ² | >10 |
| Elongation | ISO 37 | % | >90 |
| Tear resistance | ISO 34-1A | N/mm | >3 |
| TR 10 | ASTM D1329 | °C | <-4 |
| Brittle Point | | °C | < |
| C. Set 24h @200°C | ASTM D395B | % | <16 |
| C. Set 70h @200°C | ASTM D395B | % | <55 |

AGEING PROPERTIES

| Environment | Test STD | Unit | Value |
|----------------|-------------------------|------|-------|
| --- | | | |
| | <i>Hardness Change</i> | ShA | |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |
| Air 70h @250°C | ASTM D573 | | |
| | <i>Hardness Change</i> | ShA | +2 |
| | <i>Tensile Strength</i> | % | -9,7 |
| | <i>Elongation</i> | % | -17 |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |
| --- | | | |
| | <i>Hardness Change</i> | ShA | |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |
| --- | | | |
| | <i>Hardness Change</i> | ShA | |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |

