

Z428

FKM 70 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 | ASTM D297 | g/cm ³ | 1,90 ± 0,03 |
| Hardness | ASTM D2240 | ShA | 70 ± 5 |
| Tensile Strength | ASTM D412 | N/mm ² | >12 |
| Elongation | ASTM D412 | % | >220 |
| Tear resistance | ASTM D624B | N/mm | >30 |
| TR 10 | ASTM D1329 | °C | <-5 |
| Brittle Point | | °C | < |
| C. Set 24h @150°C | ASTM D395B | % | <19 |
| C. Set 70h @200°C | ASTM D395B | % | <30 |

AGEING PROPERTIES

| Environment | Test STD | Unit | Value |
|-----------------------|-------------------------|------|-------|
| Air 70h @200°C | ASTM D573 | | |
| | <i>Hardness Change</i> | ShA | +3 |
| | <i>Tensile Strength</i> | % | -9,8 |
| | <i>Elongation</i> | % | -8,6 |
| | <i>Volume</i> | % | |
| Air 70h @250°C | ASTM D573 | | |
| | <i>Hardness Change</i> | ShA | +2 |
| | <i>Tensile Strength</i> | % | -4 |
| | <i>Elongation</i> | % | -12 |
| | <i>Volume</i> | % | |
| Oil ASTM 3 70h @150°C | ASTM D471 | | |
| | <i>Hardness Change</i> | ShA | -1 |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | +2 |
| --- | | | |
| | <i>Hardness Change</i> | ShA | |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |

