

Z667

FKM 90 BLACK PLT

AED

REV. 02

General Application

Temperature Range

From -30°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
Low Temperatures

Compliances

NORSOK M710

HYDROGEN

COMPATIBILITY according to SAEJ2600, clause 5.5.3

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 | 1,84 ± 0,03 |
| Hardness | ASTM D2240 | ShA | 90 ± 5 |
| Tensile Strength | ASTM D412 | N/mm ² | >17 |
| Elongation | ASTM D412 | % | >110 |
| Tear resistance | | N/mm | > |
| TR 10 | ASTM D1329 | °C | <-30 |
| Brittle Point | | °C | < |
| C. Set 24h @200°C | ASTM D 395 B | % | <13 |
| C. Set 70h @200°C | | % | <33 |

AGEING PROPERTIES

| Environment | Test STD | Unit | Value |
|----------------|-------------------------|------|-------|
| Air 70h @200°C | ASTM D-573 | | |
| | <i>Hardness Change</i> | ShA | +1 |
| | <i>Tensile Strength</i> | % | -16 |
| | <i>Elongation</i> | % | -16 |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |
| Air 70h @250°C | ASTM D-573 | | |
| | <i>Hardness Change</i> | ShA | +2 |
| | <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> | % | |
| --- | | | |
| | <i>Hardness Change</i> | ShA | |
| | <i>Tensile Strength</i> | % | |
| | <i>Elongation</i> | % | |
| | <i>Volume</i> | % | |
| | <i>Weight</i> | % | |

