

# Z435

## FKM 80 GREEN

### RAL 6024

REV. 2

#### General Application

#### Temperature Range

From -20°C  
To 220°C

#### General Environmental Application

Chemicals  
Hydrocarbons  
High Temperatures  
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#### 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 D1817   | g/cm <sup>3</sup> | 2,24 ± 0,03 |
| Hardness          | ASTM D2240   | ShA               | 80 ± 5      |
| Tensile Strength  | DIN 53504 S2 | N/mm <sup>2</sup> | >10         |
| Elongation        | DIN 53504 S2 | %                 | >125        |
| Tear resistance   | ASTM D624B   | N/mm              | >30         |
| TR 10             | ASTM D1329   | °C                | <-17        |
| Brittle Point     |              | °C                | <           |
| C. Set 24h @200°C | ASTM D395B   | %                 | <16         |
| C. Set 70h @200°C |              | %                 | <           |

#### AGEING PROPERTIES

| Environment           | Test STD                | Unit | Value |
|-----------------------|-------------------------|------|-------|
| Air 70h @200°C        | ASTM D573               |      |       |
|                       | <i>Hardness Change</i>  | ShA  | +2    |
|                       | <i>Tensile Strength</i> | %    | -7    |
|                       | <i>Elongation</i>       | %    | -18   |
|                       | <i>Volume</i>           | %    |       |
|                       | <i>Weight</i>           | %    |       |
| ---                   |                         |      |       |
|                       | <i>Hardness Change</i>  | ShA  |       |
|                       | <i>Tensile Strength</i> | %    |       |
|                       | <i>Elongation</i>       | %    |       |
|                       | <i>Volume</i>           | %    |       |
|                       | <i>Weight</i>           | %    |       |
| Fuel ASTM C 70h @23°C | ASTM D471               |      |       |
|                       | <i>Hardness Change</i>  | ShA  | -4    |
|                       | <i>Tensile Strength</i> | %    |       |
|                       | <i>Elongation</i>       | %    |       |
|                       | <i>Volume</i>           | %    | +4,2  |
|                       | <i>Weight</i>           | %    |       |
| ---                   |                         |      |       |
|                       | <i>Hardness Change</i>  | ShA  |       |
|                       | <i>Tensile Strength</i> | %    |       |
|                       | <i>Elongation</i>       | %    |       |
|                       | <i>Volume</i>           | %    |       |
|                       | <i>Weight</i>           | %    |       |

