

# Z605

## FKM 90 black HTLT35

Rev. 03

### General Application

#### Temperature Range

From -35°C  
To +220°C

### General Environmental

#### Application

Chemicals  
Hydrocarbons  
Low Temp.

### Curing System

Peroxide

### Compliances

### Note

#### 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 PROPRIETIES

| Property         | Test STD     | Unit              | Value       |
|------------------|--------------|-------------------|-------------|
| Density          | ASTM D1817   | g/cm <sup>3</sup> | 1.80 ± 0.03 |
| Hardness         | ASTM D2240   | Shore A           | 90 ± 5      |
| Tensile Strength | DIN 53504 S2 | N/mm <sup>2</sup> | >15         |
| Elongation       | DIN 53504 S2 | %                 | >170        |

### LOW TEMPERATURE RESISTANCE

| Property | Test STD   | Unit | Value |
|----------|------------|------|-------|
| TR10     | ASTM D1329 | °C   | <-24  |

### COMPRESSION SET TESTS

| Parameters  | TEST STD     | Unit | Value |
|-------------|--------------|------|-------|
| 24h @ 200°C | ASTM D 395 B | %    | <14   |
| 72h @ 200°C | ASTM D 395 B | %    | <30   |

### AGEING PROPERTIES

|                  |         | Standard: |       |
|------------------|---------|-----------|-------|
| Properties       | Unit    |           | Value |
| Hardness         | Shore A |           |       |
| Tensile Strength | %       |           |       |
| Elongation       | %       |           |       |
| Volume           | %       |           |       |
| Weigth           | %       |           |       |

|                  |         | Standard: |       |
|------------------|---------|-----------|-------|
| Properties       | Unit    |           | Value |
| Hardness         | Shore A |           |       |
| Tensile Strength | %       |           |       |
| Elongation       | %       |           |       |
| Volume           | %       |           |       |
| Weigth           | %       |           |       |

|                  |         | Standard: |       |
|------------------|---------|-----------|-------|
| Properties       | Unit    |           | Value |
| Hardness         | Shore A |           |       |
| Tensile Strength | %       |           |       |
| Elongation       | %       |           |       |
| Volume           | %       |           |       |
| Weigth           | %       |           |       |

|                  |         | Standard: |       |
|------------------|---------|-----------|-------|
| Properties       | Unit    |           | Value |
| Hardness         | Shore A |           |       |
| Tensile Strength | %       |           |       |
| Elongation       | %       |           |       |
| Volume           | %       |           |       |
| Weigth           | %       |           |       |

