



# FKM 75 Compound 514273

ERIKS' 514273 is a specialist grade FKM co-polymer especially developed for gas distribution applications.

### Description

Chemical composition: Co-polymer of Hexafluoropropylene and vindylidenefluoride Physical form: O-rings, moulded parts Colour: Black Temperature resistance: -10°C to +200°C

#### Application

Gas distribution

#### Compliances

- EN549 E1 H3
- ADI
- REACH
- RoHS

Please consult our <u>Chemical Resistance Guide</u> for more information on this compound.



## Table 1: Physical properties

| Property                            | Test standard | Value | Unit |
|-------------------------------------|---------------|-------|------|
| Hardness                            | ISO 48        | 76    | IRHD |
| Elongation at break                 | ISO 37        | 258   | %    |
| Tensile strength                    | ISO 37        | 19.5  | MPa  |
| Compression set – 24 hours at 200°C | ISO 1817      |       |      |
| Slab                                |               | 17    | %    |

#### Table 2: Ageing properties

| Property                        | Test standard | Value | Unit |
|---------------------------------|---------------|-------|------|
| Heat ageing – 70 hours at 200°C | ISO 188       |       |      |
| Hardness change                 |               | -2    | IRHD |
| Elongation at break change      |               | +42   | %    |
| Tensile strength change         |               | -20   | %    |

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