

## FKM 70-compound 514328 blue - Technical Data Sheet

### 1. Introduction

FKM 514327-compound has excellent resistance to oils, fuels, lubricants, most mineral acids, aliphatic and aromatic hydrocarbons. FDA compliant to CFR 21 177-2600 and 3A 18-03 compliant to class1. This compound can be detected by metal detectors.

### 2. Product Description

Chemical Composition	: Copolymer with 66% fluorine content. Cure system: Bisphenol
Physical form	: O-Rings / Mouldings
Colour	: Blue

\* : Following ISO 2230 conditions

### 3. Physical Properties

Test Method	Norm	Test Values
Specific Weight	ISO 2781	2,25
Hardness	ISO 868	70 ± 5 Shore A
Elongation	ISO 37	237 %
Tensile Strength	ISO 37	12,0 Psi
Compression Set 22h/175°C on slab	ISO 815	7,7 %
Heat Ageing 70h/250°C	ISO 188	
Hardness change		+5 Shore A
Elongation change		-55 %
Tensile strength change		+0,2 Psi
Weight loss		2,5 %
Fluid Immersion ASTM 3, 70h/150°C	ISO 1817	
Volume change		+2,5 %
Hardness change		0 Shore A
Elongation change		+23 %
Tensile Strength change		-1,3 Psi

### 4. Temperature Resistance

- -15° to +204°C
- TR10 (low temp. resistance): -12°C

### 5. Advantages

- Good compression-set
- Metal detectable



**METAL  
DETECTABLE**

