

### Genuine Viton® 70 GLT-compound 514115 - Technical Data Sheet

#### 1. Introduction

Original Viton® GLT 514115-compound is based on 100% Genuine Viton® GLT. Products out of this compound are being made according to strict guidelines of DuPont Performance Elastomers. This guarantees a constant high quality level. All products carry the specific, easy recognizable emblem on their package.

#### 2. Product Description

Chemical Composition :	Fluorocarbon with 64% Fluorine, Peroxide cured
Physical form :	O-Rings / Mouldings
Colour :	Black
Storage stability * :	Excellent

\* : Following ISO 2230 conditions

#### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 7619	70 ± 5 IRHD
Tensile Strength at break	ISO 37	18 MPa
Elongation at break	ISO 37	228%
Density	ISO 2781	1,85 kg/m <sup>-3</sup>
Compression Set 24h/175°C	ISO 815	11%
Heat Ageing 70h/200°C	ISO 188	
Hardness Shore A	ISO 7619	+3 Pt
Tensile Strength	ISO 37	+2,8%
Elongation at break	ISO 37	-3,9%
Liquid Resistance 70h/150°C ASTM No 3	ISO 1817	
Hardness Shore A	ISO 7619	-3 Pt
Tensile Strength	ISO 37	-6,5%
Elongation at break	ISO 37	+4,4%
Volume change		+1,5%

#### 4. Temperature Resistance

- -40° to +200°C

#### 5. Chemical Resistance

Concentrated acids	: excellent
Acetone	: bad
Hydroxides	: excellent
Benzene	: good
Crude oil	: excellent
Toluene	: good
Fuel C	: excellent
MEK	: bad
MTBE	: bad
Water < 100°C	: very good

#### 6. Advantages

- Good compression set.
- Best low temperature resistance of all Viton® compounds.

#### 7. Other Information

- Other colours available on request.
- FDA 21 CFR 177.2600
- Applications:  
General purpose sealing: automotive, aerospace fuels, lubricants and low temperatures.

