

Genuine Viton® 75 GFLT-compound 514712 - Technical Data Sheet

1. Introduction

Original Viton® GFLT 514712-compound is based on 100% Genuine Viton® GFLT. 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 67% 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	75 ± 5 IRHD
Tensile Strength at break	ISO 37	21,4 MPa
Elongation at break	ISO 37	239%
Specific Weight	ISO 2781	1,87
Compression Set 25% compression, 24h/175°C	ISO 815	13,7%
Heat Ageing 70h/200°C	ISO188	
Hardness		+2
Tensile Strength		+3%
Ultimate Elongation		+10%
ASTM Oil No 3 70h/150°C	ISO1817	
Hardness		-2
Tensile Strength		+0,5%
Ultimate Elongation		+13%
Volume		+1,4%

4. Temperature Resistance

- -30° to +200°C

5. Chemical Resistance

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

6. Advantages

- Good compression set.
- Best low temperature resistance of all Viton® compounds combined with optimal chemical resistance.

7. Other Information

- Other colours available on request.