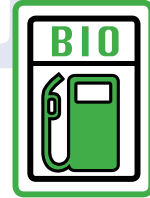


### Genuine Viton® 80-compound 514327 black - Technical Data Sheet

#### 1. Introduction

Original Viton® 514327-compound is based on a 100% Genuine Viton®-B polymer according the APA technology. This compound is specially formulated for bio-fuels. 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 :	Special fluorocarbon with 68-70% fluorine, peroxide cured
Physical form :	O-Rings
Colour :	Black
Odour :	None
Storage stability* :	Excellent



\* : Following ISO 2230 conditions

#### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 48 Method M	80 ± 5 Shore A
Tensile Strength at break	ISO 37	22 MPa
Elongation at break	ISO 37	218%
Specific Weight	ISO 2781	1,85
Compression Set	ISO 815	
25% compression - 22h/175°C	ISO 815	11,2%
Liquid Resistance RME +0,15%H <sub>2</sub> O	ISO 1817-1999	
Volume Change		
168h/125°C		+3,47%
336h/125°C		+3,64%

#### 4. Temperature Resistance

- -20° to +200°C
- TR10 (low temp. resistance): -13°C

#### 5. Chemical Resistance

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

#### 6. Advantages

- Very good compression-set
- Specially resistant to bio-fuel

