



## Neoprene® 75-compound WER 3001 Vulc-O-Ring - Technical Data Sheet

### 1. Introduction

The WESTERN Neoprene® 75 WER 3001 compound is Peroxide cured FDA compliant to 177.2600.

### 2. Product Description

Chemical Composition :

Polychloroprene Rubber, Peroxide cured

Physical form :

Vulc-O-Rings / Mouldings / Cords / O-Rings

Colour :

Black

Storage stability \* :

± 6 years

### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	75 ± 5 Shore A
Specific Weight	ISO 2781	1,6
Tensile Strength at break	ISO 37	12,8 MPa
Elongation at break	ISO 37	490%
Compression Set	ISO 815	42%
22h/100 °C, on slab		
Heat Ageing, 70h/100 °C	ISO 188	7%
Hardness Change		+0,5 MPa
Tensile Strength Change		-26%
Elongation Change		0
Weight Change		
Immersion in ASTM oil n°3, 70h/100 °C	ISO 1817	-29%
Hardness Change		83%
Volume Change		-4 MPa
Tensile Strength Change		24%
Elongation Change		



### 5. Chemical Resistance

Alkali : good

Air : very good

Alcohol : very good

Fats : good

Mineral oils : good

Vegetable oils : fair

Esters : poor

Ozone : very good

Steam : fair

Water : very good

### 4. Temperature Resistance

• -35° to +100 °C

### 6. Advantages

• Excellent resistance to weathering, ageing and ozone attack

• Good flame resistance

• Low swell in mineral oils, greases and water