



Neoprene® 60-compound WER 3003 white - Technical Data Sheet

1. Introduction

The WESTERN Neoprene® 60 WER 3003 compound is made of Polychloroprene and is an excellent weathering resistant compound. Standard compound for O-ring cord.

2. Product Description

Chemical Composition : Polychloroprene Rubber
Physical form : O-Rings / Cord
Colour : White
Storage stability * : ± 6 years

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	60 ± 5 Shore A
Specific Weight	ISO 2781	1,47
Tensile Strength at break	ISO 37	min. 7 MPa
Elongation at break	ISO 37	min. 450%
Compression Set	ISO 815	max. 20%
22h/100 °C, on slab		
Heat Ageing, 168h/70 °C	ISO 188	
Change Tensile strength		-15%
Elongation Change		-7%
Hardness Change		+3°



4. 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

5. Temperature Resistance

- -35° to +100 °C
- TR10 (low temp.): -40 °C

6. Advantages

- Extremely good weathering resistance
- Resistance to non-concentrated acids
- Good flame resistance