

Neoprene® 75-compound 329302 Vulc-O-Ring - Technical Data Sheet

1. Introduction

The ERIKS Neoprene® 75 329302 compound is a polymer based on Chloroprene and has excellent resistance to weathering ageing and ozone attack. Cure system is sulphur.

2. Product Description

Chemical Composition :	Chloroprene Rubber
Physical form :	Extrusions / Mouldings / Vulc-O-Rings
Colour :	Black
Storage stability* :	± 6 years

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	75° ± 5° Shore A
Specific Weight	ISO 2781	1,55
Tensile Strength at break	ISO 37	10 MPa
Elongation at break	ISO 37	370%
Compression Set 22h/100°C, on slab	ISO 815	16,5%
Heat Ageing, 70h/100°C	ASTM D 573	
Hardness Change		+6°
Tensile Change		-0,4 MPa
Elongation Change		-30%
Immersion in ASTM oil n°1, 70h/100°C	ISO 1817	
Volume Change		+71%
Hardness Change		-32° Shore A

4. Temperature Resistance

- -35° to +110°C

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

6. Advantages

- Good resistance to weathering, ageing and ozone attack.

7. Other Information on Vulc-O-Rings

- Tolerances standard on cross section to ISO 3302.
- Tolerances on O-Ring inside diameter according ISO 3302 up to diam. 160 mm. Bigger diameters tolerances ±0,5%.
- Smooth surface.
- Can be produced to ±0,05 mm tolerance in cross section.

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.