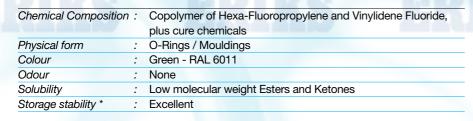


Genuine Viton® 75-compound 51414 green - Technical Data Sheet

1. Introduction

Original Viton® 51414 green-compound is based on a 100% Genuine Viton® polymer. Products out of this compound are being made according to strict guidelines of DuPont Dow Elasomers. This guarantees a constant high quality level. All products carry the specific, easy recognizable emblem on their package.

2. Product Description



^{*:} Following DIN 7716 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	DIN 53519	75° ± 5° IRHD
Tensile Strength at break	DIN 53504	min 12 MPa
Elongation at break	DIN 53504	min 170%
Specific Weight	ASTM D 1817	2,07
Compression Set	DIN 53517	
25% compression - 24h/200°C	ASTM 395 B	
on slab		max 14%
on O-Ring (3,53 mm)		max 19%
Heat Ageing 70h/200°C	ASTM 395 B	
Hardness Change		max +5°

4. Temperature Resistance

• -20° to +200°C

MTBE

Water < 100°C

• TR10 (low temp. resistance): -16°C

5. Chemical Resistance

Concentrated acids : excellent Acetone bad Hydroxides excellent Benzene excellent Crude oil excellent Toluene excellent Fuel C excellent Gasoline very good BTM oil 3 excellent Methylene chloride very good MEK bad

bad

good

6. Advantages

- Very low compression-set
- Stock item for ca 2000 dimensions
- Labeled with Viton® stickers

7. Safety and Handling

Read and be guided by the recommendations in the DuPont Dow Elastomers technical bulletin H-71129-02, 'Handling Precautions for Viton® and Related Chemicals'.

8. Other Information

- Can be formulated to meet FDA 177.2600 compliance, Mil-R-83248B and AMS7276D
- Green colour RAL 6011

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.

