

Genuine Viton® B-compound 514021 black - Technical Data Sheet

1. Introduction

Genuine Viton® B-compound 514021 is an FKM compound with better chemical resistance than Viton® A.

2. Product Description

Chemical Composition	: Terpolymer with 70% Fluorine, Peroxide cured
Physical form	: Mouldings
Colour	: Black
Odour	: None
Storage stability *	: Excellent

* : Following ISO 2230 conditions



3. Physical Properties

Test Method	Unit	Norm ISO	Test Values
Density	g/cm ⁻³	ISO 2781	1,80
Hardness Shore A	Point	ISO 7619	80 ± 5
Tensile Strength	Mpa	ISO 37	11
Ultimate Elongation	%	ISO 37	200%
Compression Set 22h/175°C	%	ISO 815	25%

4. Temperature Resistance

- -20° to +200°C
- TR10 (low temp. resistance): -16°C

6. Advantages

- Good compression set
- Standard compound

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
MTBE	: bad
Water < 100°C	: very good