



Compound

4765CHLOROPRENE
70 DUROMETER
WHITE COLOR**PRODUCT DATA SHEET**

Compound 4765 is a 70 durometer white colored Neoprene elastomer.

This compound will meet or exceed the specifications listed and has the following physical properties:

ASTM D2000 3 BC 715 A14 B14 EO14 EO34 F17 G21
5 BC 715 A14 B14 EO14 EO34 G21
6 BC 715 A14 B14 EO14 EO34 F17

2 BE 715 A14 EO14 EO34 F17
3 BE 715 A14 EO14 EO34 G21

Original Properties

Modulus @ 100% Elongation	354 psi	2.4 MPa
Tensile Strength	1646 psi	11.3 MPa
Ultimate Elongation	630 %	
Hardness, Shore A	72 Durometer	
Specific Gravity	1.69 grams/cc	
Brittleness Temperature	-40 °F	-40 °C
Tear Resistance, Die B	176 ppi	30.8 kN/m
Tear Resistance, Die C	207 ppi	36.3 kN/m

Compression Set

Solid: 22 hrs @ 212°F (100°C)	29.0 %
Solid: 70 hrs @ 212°F (100°C)	39.8 %
Plied: 22 hrs @ 212°F (100°C)	40.2 %
Plied: 70 hrs @ 212°F (100°C)	51.9 %

HEAT AGED: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	+ 1.5 %
Change - Elongation	- 9.5 %
Change - Hardness, Shore A	+ 5

HEAT AGED: 70 hrs @ 257°F (125°C)

Change - Tensile Strength	- 14.2 %
Change - Elongation	- 27.0 %
Change - Hardness, Shore A	+ 10

DISTILLED WATER AGED: 70 hrs @ 212°F (100°C)

Change - Hardness, Shore A	- 7
Change - Volume	+ 20.4 %



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ASTM REFERENCE FUEL A: 70 hrs @ RT (73°F, 23°C)

Change - Tensile Strength	- 18.0 %
Change - Elongation	- 3.2 %
Change - Hardness, Shore A	- 7
Change - Volume	+ 15.5 %

ASTM REFERENCE FUEL B: 70 hrs @ RT (73°F, 23°C)

Change - Tensile Strength	- 47.3 %
Change - Elongation	- 14.3 %
Change - Hardness, Shore A	- 20
Change - Volume	+ 63.0 %

ASTM OIL #1: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	+ 0.2 %
Change - Elongation	- 4.8 %
Change - Hardness, Shore A	- 4
Change - Volume	+ 4.2 %

ASTM OIL #3: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	- 38.5 %
Change - Elongation	- 15.9 %
Change - Hardness, Shore A	- 23
Change - Volume	+ 65.0 %