



Compound

13668**CHLOROBUTYL
BLACK COLOR - 65 DURO
ELECTRICALLY CONDUCT.****PRODUCT DATA SHEET**

Compound 13668 is a 65 durometer black colored Chlorobutyl elastomer, it is formulated to be electrically conductive. It exhibits good resistance to compression set and has good tear strength.

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

ASTM D2000 2 AA 712 A13 EA14 F17 Z1
3 AA 712 B13 B33 EA14 F17 Z1

8 BA 712 B13 Z1
2 BA 710 F17 Z1

3 CA 710 A25 B44 B35 F17 G11 G21 Z1

Z1 = 65 +/- 5 Shore A Durometer

Original Properties

Modulus @ 100% Elongation	393 psi	2.7 MPa
Tensile Strength	1205 psi	8.3 MPa
Ultimate Elongation	377 %	
Hardness, Shore A	68 Durometer	
Specific Gravity	1.02 grams/cc	
Brittleness Temperature	-40 °F	-40 °C
Tear Resistance, Die B	198 ppi	34.7 kN/m
Tear Resistance, Die C	160 ppi	28.0 kN/m

Compression Set

Solid: 22 hrs @ 158°F (70°C)	13.3 %
Solid: 22 hrs @ 212°F (100°C)	10.8 %
Solid: 22 hrs @ 257°F (125°C)	13.9 %
Plied: 22 hrs @ 158°F (70°C)	19.6 %
Plied: 22 hrs @ 212°F (100°C)	16.9 %
Plied: 22 hrs @ 257°F (125°C)	19.1 %

HEAT AGED: 70 hrs @ 158°F (70°C)

Change - Tensile Strength	+ 7.4 %
Change - Elongation	+ 5.6 %
Change - Hardness, Shore A	+ 1

HEAT AGED: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	+ 4.8 %
Change - Elongation	+ 2.7 %
Change - Hardness, Shore A	+ 2



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HEAT AGED: 70 hrs @ 257°F (125°C)

Change - Tensile Strength	- 8.9 %
Change - Elongation	- 1.3 %
Change - Hardness, Shore A	+ 2

HEAT AGED: 70 hrs @ 302°F (150°C)

Change - Tensile Strength	- 24.6 %
Change - Elongation	- 25.2 %
Change - Hardness, Shore A	+ 3

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

Change - Hardness, Shore A	- 4
Change - Volume	+ 8.6 %