



Compound

**13525**CHLOROBUTYL  
50 DUROMETER  
WHITE COLOR**PRODUCT DATA SHEET**

Compound 13525 is 50 durometer white colored Chlorobutyl elastomer.

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

ASTM D2000 2 AA 510 A13 EA14 F17  
3 AA 510 B33 EA14 F17  
2 BA 510 F17

**Original Properties**

Modulus @ 100% Elongation	133 psi	0.9 MPa
Tensile Strength	1195 psi	8.2 MPa
Ultimate Elongation	920 %	
Hardness, Shore A	49 Durometer	
Specific Gravity	1.42 grams/cc	
Brittleness Temperature	-47 °F	-44 °C
Tear Resistance, Die B	122 ppi	21.4 kN/m

**Compression Set**

Solid: 22 hrs @ 158°F (70°C)	33.2 %
Solid: 22 hrs @ 212°F (100°C)	75.3 %
Plied: 22 hrs @ 158°F (70°C)	28.5 %
Plied: 22 hrs @ 212°F (100°C)	78.8 %

**HEAT AGED: 70 hrs @ 158°F (70°C)**

Change - Tensile Strength	- 6.0 %
Change - Elongation	- 7.6 %
Change - Hardness, Shore A	+ 6

**HEAT AGED: 70 hrs @ 212°F (100°C)**

Change - Tensile Strength	+ 8.5 %
Change - Elongation	- 16.3 %
Change - Hardness, Shore A	+ 10

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

Change - Tensile Strength	+ 6.1 %
Change - Elongation	0.0 %
Change - Hardness, Shore A	+ 2
Change - Volume	+ 9.2 %