



Compound

13401CHLOROBUTYL
40 DUROMETER
BLACK COLOR**PRODUCT DATA SHEET**

Compound 13401 is a 40 durometer black colored Chlorobutyl elastomer. It exhibits good resistance to heat and compression set at moderate temperatures. It will remain non brittle at low temperatures.

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

ASTM D2000 2 AA 410 A13 F17 EA14
4 AA 410 A13 B13 B33 F17 EA14

2 BA 410 F17
8 BA 410 B13

AMS 3237

Original Properties

Modulus @ 100% Elongation	113 psi	0.8 MPa
Tensile Strength	1300 psi	9.0 MPa
Ultimate Elongation	700 %	
Hardness, Shore A	40 Durometer	
Specific Gravity	1.12 grams/cc	
Brittleness Temperature	-53 °F	-47 °C
Tear Resistance, Die B	131 ppi	22.9 kN/m

Compression Set

Solid: 22 hrs @ 158°F (70°C)	12.5 %
Solid: 22 hrs @ 212°F (100°C)	14.6 %
Plied: 70 hrs @ 212°F (100°C)	21.8 %

HEAT AGED: 70 hrs @ 158°F (70°C)

Change - Tensile Strength	+ 5.4 %
Change - Elongation	- 3.6 %
Change - Hardness, Shore A	+ 1

HEAT AGED: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	+ 11.1 %
Change - Elongation	- 8.9 %
Change - Hardness, Shore A	+ 5

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

Change - Hardness, Shore A	- 2
Change - Volume	+ 7.5 %