



Compound

13301CHLOROBUTYL
30 DUROMETER
BLACK COLOR**PRODUCT DATA SHEET**

Compound 13301 is a 30 durometer black colored general purpose Chlorobutyl elastomer. It exhibits good resistance to compression set at moderate temperatures, it will remain non brittle at low temperatures.

This compound has the following physical properties:

Original Properties

Modulus @ 100% Elongation	47 psi	0.3 MPa
Tensile Strength	286 psi	2.0 MPa
Ultimate Elongation	575 %	
Hardness, Shore A	29 Durometer	
Specific Gravity	1.05 grams/cc	
Brittleness Temperature	-65 °F	-54 °C
Tear Resistance, Die B	33 ppi	5.8 kN/m

Compression Set

Solid: 22 hrs @ 158°F (70°C)	9.1 %
Plied: 22 hrs @ 158°F (70°C)	12.7 %

HEAT AGED: 70 hrs @ 158°F (70°C)

Change - Tensile Strength	+ 25.2 %
Change - Elongation	+ 11.0 %
Change - Hardness, Shore A	+ 1

HEAT AGED: 70 hrs @ 212°F (100°C)

Change - Tensile Strength	+ 50.0 %
Change - Elongation	+ 13.0 %
Change - Hardness, Shore A	+ 4

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

Change - Hardness, Shore A	- 2
Change - Volume	+ 8.4 %