



Compound

14601**CHLOROSULFONATED
POLYETHYLENE - 60 DURO
BLACK COLOR****PRODUCT DATA SHEET**

Compound 14601 is a 60 durometer black colored general purpose Hypalon elastomer. It exhibits good resistance to petroleum based oils at elevated temperatures.

This compound has the following physical properties:

Original Properties

Modulus @ 100% Elongation	269 psi	1.9 MPa
Tensile Strength	3014 psi	20.8 MPa
Ultimate Elongation	400 %	
Hardness, Shore A	61 Durometer	
Specific Gravity	1.44 grams/cc	
Brittleness Temperature	-57 °F	-50 °C
Tear Resistance, Die B	142 ppi	24.9 kN/m

Compression Set

Solid: 22 hrs @ 158°F (70°C)	18.7 %
Solid: 22 hrs @ 257°F (125°C)	69.7 %

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

Change - Hardness, Shore A	0
Change - Volume	+ 4.2 %

ASTM OIL #3: 70 hrs @ 257°F (125°C)

Change - Hardness, Shore A	+ 5
Change - Volume	- 4.3 %

SERVICE FLUID 100: 70 hrs @ 302°F (150°C)

Change - Tensile Strength	- 13.7 %
Change - Elongation	- 32.5 %
Change - Hardness, Shore A	+ 2
Change - Volume	+ 2.6 %