



Compound

**4301****CHLOROPRENE  
30 DUROMETER  
BLACK COLOR****PRODUCT DATA SHEET**

Compound 4301 is a 30 durometer black colored general purpose Neopreneelastomer. It exhibits good low temperature flexibility.

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

ASTM D2000 2 BC 310 EO34 F17  
5 BC 310

**Original Properties**

|                           |               |          |
|---------------------------|---------------|----------|
| Modulus @ 100% Elongation | 68 psi        | 0.5 MPa  |
| Tensile Strength          | 1037 psi      | 7.2 MPa  |
| Ultimate Elongation       | 700 %         |          |
| Hardness, Shore A         | 33 Durometer  |          |
| Specific Gravity          | 1.21 grams/cc |          |
| Brittleness Temperature   | -56 °F        | -49 °C   |
| Tear Resistance, Die B    | 52 ppi        | 9.1 kN/m |

**Compression Set**

|                               |        |
|-------------------------------|--------|
| Solid: 22 hrs @ 212°F (100°C) | 76.7 % |
| Plied: 22 hrs @ 212°F (100°C) | 86.5 % |

**HEAT AGED: 70 hrs @ 212°F (100°C)**

|                            |          |
|----------------------------|----------|
| Change - Tensile Strength  | - 15.4 % |
| Change - Elongation        | - 18.6 % |
| Change - Hardness, Shore A | + 13     |

**ASTM OIL #1: 70 hrs @ 212°F (100°C)**

|                            |          |
|----------------------------|----------|
| Change - Tensile Strength  | - 18.4 % |
| Change - Elongation        | - 17.1 % |
| Change - Hardness, Shore A | + 11     |
| Change - Volume            | - 13.3 % |

**ASTM OIL #3: 70 hrs @ 212°F (100°C)**

|                            |          |
|----------------------------|----------|
| Change - Tensile Strength  | - 64.7 % |
| Change - Elongation        | - 31.4 % |
| Change - Hardness, Shore A | - 38     |
| Change - Volume            | + 88.1 % |

**Tear Resistance, Method D 624, Die B**

|                 |          |
|-----------------|----------|
| Tear Resistance | 52.0 ppi |
|-----------------|----------|