



Compound

**34860**

**PERFLUOROELASTOMER  
80 DUROMETER - BLACK COLOR  
CHEMICAL RESISTANCE**

**PRODUCT DATA SHEET**

Compound 34860 is an 80 durometer black colored Perfluoroelastomer, it is specifically formulated for chemical resistance. This compound has a low permeation, low swell and low extractables in a broad range of chemicals. It also has low to no metal ion extractables. It has an upper temperature of 428°F (220°C)

This compound has the following physical properties:

**This Compound is RoHS Compliant**



**Original Properties**

Modulus @ 100% Elongation	875 psi	6.0 MPa
Tensile Strength	1,800 psi	12.4 MPa
Ultimate Elongation	150 %	
Hardness, Shore A	80 Durometer	
Specific Gravity	2.00 grams/cc	
Brittleness Temperature	-2 °F	-19 °C

**Compression Set**

O-Ring: 70 hrs @ 392°F (200°C)	26.0 %
O-Ring: 70 hrs @ 572°F (300°C)	37.0 %
O-Ring: 70 hrs @ 500°F (260°C)	55.0 %

**TR-10 : ASTM D1329 (10% Retraction @ °F)**

Temperature	36.0 °F
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