

The O-Ring Store LLC



We make getting o-rings easy!

FFKM75 34860 Perfluoroelastomer Compound

General Properties

Compound 34860 is an 75 durometer black colored Perfluoroelastomer, it is specifically formulated for chemical resistance. This compound has a low permeation, low swell and low extractables in abroad range of chemicals. It also has low to no metal ion extractables. It has an upper temperature of 428°F (220°C)

<u>This compound has the following physical properties:</u>	<u>34860 Compound</u>	
<u>ORIGINAL PROPERTIES</u>		
Modulus @ 100% Elongation	1,237 psi	8.5 MPa
Tensile Strength	2,274 psi	15.7 MPa
Ultimate Elongation	1.45 %	
Hardness, Shore A	145 %	
Specific Gravity	2.06 grams/cc	
Brittleness Temperature	-2 F	-19 C
TR-10 Temperature	26 F	-3 C
<u>Compression Set</u>		
O-Ring: 70 hrs @ 392°F (200°C)		26%
O-Ring: 70 hrs @ 450°F (232°C)		37%
O-Ring: 70 hrs @ 500°F (260°C)		55%

TEST DATA ONLY - DO NOT USE FOR SPECIFICATION