



Compound

20662FLUORINATED SILICONE
60 DUROMETER
BLUE COLOR**PRODUCT DATA SHEET**

Compound 20662 is a 60 durometer blue colored Fluorosilicone elastomer.

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

ASTM D2000 2 HK 609 A19 EO36 F19

MIL-R-25988 Class1, Grade 60, Type 1 & 11
AMS 3325**Original Properties**

Tensile Strength	1,146 psi	7.9 MPa
Ultimate Elongation	330 %	
Hardness, Shore A	60 Durometer	
Specific Gravity	1.48 grams/cc	
Brittleness Temperature	< -80 °F	< -62 °C
Tear Resistance, Die B	155 ppi	27.1 kN/m

Compression Set

Plied: 22 hrs @ 347°F (175°C)	8.7 %
Stauffer Blend, plied: 70 hrs @	13.8 %
Plied: 70 hrs @ RT (73°F, 23°C)	9.5 %

HEAT AGED: 70 hrs @ 392°F (200°C)

Change - Tensile Strength	- 0.9 %
Change - Elongation	- 18.2 %
Change - Hardness, Shore A	+ 6
Change - Volume	- 1.0 %

STAUFFER BLEND 7700: 70 HRS @ 302°F (150°C)

Change - Tensile Strength	- 19.0 %
Change - Elongation	- 18.2 %
Change - Hardness, Shore A	- 7
Change - Volume	+ 7.4 %

ASTM REFERENCE FUEL B: 22 hrs @ RT (73°F, 23°C)

Change - Tensile Strength	- 23.6 %
Change - Elongation	- 20.0 %
Change - Hardness, Shore A	- 12
Change - Volume	+ 20.1 %