Eagle ELASTOMER Inc.

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COMPOUND#: EE96264B

Description: 65 durometer black Viton A fluoroelastomer compound.

Application Temperatures: **High Temp:** 400º F (204º C)
Low Temp: Dynamic: 1.4℉ (-17℃)   Static: -25.6℉(-32℃)

Compound Information:
- **% Fluorine:** 66%
- **Cure System:** Bisphenol
- **Color:** Black
- **Compounded for:** Transfer & compression molding.
- **Form** Slab, Strip or Calendered Sheet.
- **Storage** Preserves best when stored in a cool/dry environment. Rheometer retesting suggested @ 6 months.
- **Cured Product** Sheet

Typical Rheological Properties:
Conditions: MDR .5 ARC 4 minutes @ 370º F (188º C) Per ASTM D-6204.

- **Min torque:** 0.60 **Inch/lbs.**
- **Max torque:** 12.50 **Inch/lbs.**
- **Scorch Ts1:** 1.00 **Minutes.**
- **Cure Tc90:** 2.75 **Minutes.**

Typical Physical Properties:
- Conditions: Press cured 10 minutes @ 370º F (188º C) and Post cured for 16 hours @ 480º F (250 ºC).

- **Tensile Strength** (Per ASTM D-412): 1900 **PSI** (13.1 Mpa)
- **100% Modulus** (Per ASTM D-412): 490 **PSI** (3.4 Mpa)
- **Ultimate Elongation** (Per ASTM D-412): 285 **%**
- **Shore A Hardness** (Per ASTM D-2240): 67 **Pts.**
- **Specific Gravity** (Per ASTM D-297): 1.93 **(H2O=1)**
- **Compression Set** (Per ASTM D-395): 11.85 **%** CONDITIONS: 22 hrs@ 392 ºF (200ºC)

Compounded to Meet:
- **ASTM D-2000 Call out:** M2HK 610, B38,C12,EF31,EO88, Z1
Z1=65+/-5 DUROMETER SHORE "A"

AS9100 with ISO 9001
Approval Certificate Number: 95.072
MANUFACTURED IN THE U.S.A.

MADE WITH
Viton
Fluoroelastomer
A brand of The Chemours Company