

# Greene 409

Fluorosilicone  
Greene, Tweed & Co.

Message:  
Greene 409 is a Fluorosilicone (Fluoro Si) product. It is available in North America.

| General Information                         |                |                   |             |
|---------------------------------------------|----------------|-------------------|-------------|
| Appearance                                  | Black          |                   |             |
| Physical                                    | Nominal Value  | Unit              | Test Method |
| Specific Gravity                            | 1.66           | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                                    | Nominal Value  | Unit              | Test Method |
| Rockwell Hardness (M-Scale)                 | 78             |                   | ASTM D785   |
| Durometer Hardness (Shore A)                | 75             |                   | ASTM D2240  |
| Mechanical                                  | Nominal Value  | Unit              | Test Method |
| Coefficient of Friction <sup>1</sup>        |                |                   | ASTM D1894  |
| vs. Itself - Dynamic                        | 0.90           |                   |             |
| vs. Itself - Static                         | 1.6            |                   |             |
| Elastomers                                  | Nominal Value  | Unit              | Test Method |
| Tensile Stress                              |                |                   | ASTM D1414  |
| 50% Strain                                  | 3.17           | MPa               |             |
| 100% Strain                                 | 6.34           | MPa               |             |
| Tensile Strength (Break)                    | 7.31           | MPa               | ASTM D1414  |
| Tensile Elongation (Break)                  | 120            | %                 | ASTM D1414  |
| Compression Set <sup>2</sup> (175°C, 22 hr) | 15             | %                 | ASTM D395   |
| Thermal                                     | Nominal Value  | Unit              | Test Method |
| CLTE - Flow                                 | 2.1E-4         | cm/cm/°C          | ASTM E228   |
| Service Temperature                         | -52 to 81      | °C                |             |
| Rubber Classification <sup>3</sup>          | FVMQ           |                   |             |
| Tear Strength - Bie B                       | 17.5           | kN/m              | ASTM D624   |
| TR 10/50                                    | -65            | °C                | ASTM D1329  |
| NOTE                                        |                |                   |             |
| 1.                                          | Method C       |                   |             |
| 2.                                          | 25% Deflection |                   |             |
| 3.                                          | ASTM D1418     |                   |             |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

