

# Tufel® II 94506

Silicone

Momentive Performance Materials Inc.

## Message:

TUFEL II Silicone Rubber Compounds 94406, 94506, 94606, 94706 are 40-70 durometer low volatile fast-cure addition cured silicone elastomers for extrusion and calendering. They may be used by themselves or blended to intermediate durometers. Applications include extruded tubings, profiles and calendered sheets.

- Key Features and Benefits
- LV Bases Minimize Porosity and Post Cure
- Totally Peroxide-Free Cure System
- Broad Processing Window
- High Output Rates
- High Tear Strength
- Tight Surface Cure
- Non-blooming
- Translucency

| General Information          |                    |                   |             |
|------------------------------|--------------------|-------------------|-------------|
| Features                     | Fast Cure          |                   |             |
|                              | Good Tear Strength |                   |             |
|                              | Non-Blooming       |                   |             |
| Uses                         | Profiles           |                   |             |
|                              | Sheet              |                   |             |
|                              | Tubing             |                   |             |
| Appearance                   | Translucent        |                   |             |
| Processing Method            | Calendering        |                   |             |
|                              | Extrusion          |                   |             |
| Hardness                     | Nominal Value      |                   | Test Method |
| Durometer Hardness (Shore A) | 48                 |                   | ASTM D2240  |
| Elastomers                   | Nominal Value      | Unit              | Test Method |
| Tensile Stress (100% Strain) | 1.30               | MPa               | ASTM D412   |
| Tensile Strength             | 9.20               | MPa               | ASTM D412   |
| Tensile Elongation (Break)   | 900                | %                 | ASTM D412   |
| Tear Strength <sup>1</sup>   | 44.0               | kN/m              | ASTM D624   |
| Uncured Properties           | Nominal Value      | Unit              |             |
| Density                      | 1.15               | g/cm <sup>3</sup> |             |
| Curing Time (177°C)          | 0.17               | hr                |             |
| NOTE                         |                    |                   |             |
| 1.                           | Die B              |                   |             |

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

