

# Laprene® 830000969

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

## Message:

Laprene® 830000969 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Laprene® 830000969: REACH Compliant.

Typical applications include:

- Construction Applications
- Industrial Applications

| General Information                        |                           |                   |             |
|--------------------------------------------|---------------------------|-------------------|-------------|
| Uses                                       | Construction Applications |                   |             |
|                                            | Industrial Applications   |                   |             |
|                                            |                           |                   |             |
| Agency Ratings                             | EC 1907/2006 (REACH)      |                   |             |
| Appearance                                 | Natural Color             |                   |             |
| Processing Method                          | Injection Molding         |                   |             |
| Physical                                   | Nominal Value             | Unit              | Test Method |
| Specific Gravity                           | 0.890                     | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                                   | Nominal Value             | Unit              | Test Method |
| Durometer Hardness (Shore A, 3 sec)        | 67                        |                   | ASTM D2240  |
| Elastomers                                 | Nominal Value             | Unit              | Test Method |
| Tensile Set                                | 6                         | %                 | ASTM D412   |
| Tensile Stress <sup>1</sup> (100% Strain)  | 1.80                      | MPa               | ASTM D412   |
| Tensile Strength <sup>2</sup>              | 12.0                      | MPa               | ASTM D412   |
| Tensile Elongation <sup>3</sup> (Break)    | 790                       | %                 | ASTM D412   |
| Tear Strength <sup>4</sup>                 | 33.0                      | kN/m              | ASTM D624   |
| Compression Set <sup>5</sup> (70°C, 22 hr) | 44                        | %                 | ASTM D395B  |
| Injection                                  | Nominal Value             | Unit              |             |
| Rear Temperature                           | 170                       | °C                |             |
| Middle Temperature                         | 180                       | °C                |             |
| Front Temperature                          | 180                       | °C                |             |
| Nozzle Temperature                         | 190                       | °C                |             |
| Mold Temperature                           | 20.0 to 40.0              | °C                |             |
| NOTE                                       |                           |                   |             |
| 1.                                         | Die C                     |                   |             |
| 2.                                         | Die C                     |                   |             |
| 3.                                         | Die C                     |                   |             |
| 4.                                         | Die C                     |                   |             |
| 5.                                         | Type 1                    |                   |             |

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

