

# Dynaprene® VER8500

Thermoplastic Elastomer

Nantex Industry Co., Ltd.

## Message:

Dynaprene® VER8500 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific for injection molding. Primary attribute of Dynaprene® VER8500: Impact Modified.

| General Information                             |                   |                   |                 |
|-------------------------------------------------|-------------------|-------------------|-----------------|
| Additive                                        | Rubber            |                   |                 |
| Forms                                           | Pellets           |                   |                 |
| Processing Method                               | Injection Molding |                   |                 |
| Physical                                        | Nominal Value     | Unit              | Test Method     |
| Specific Gravity                                | 0.888             | g/cm <sup>3</sup> | ASTM D792       |
| Moisture Content                                | < 0.060           | %                 | Internal Method |
| Hardness                                        | Nominal Value     | Unit              | Test Method     |
| Durometer Hardness (Shore A, 5 sec)             | 55                |                   | ASTM D2240      |
| Elastomers                                      | Nominal Value     | Unit              | Test Method     |
| Tensile Stress - Across Flow (100% Strain)      | 1.63              | MPa               | ASTM D412       |
| Tensile Strength - Across Flow (Yield)          | 4.27              | MPa               | ASTM D412       |
| Tensile Elongation - Across Flow (Break)        | 390               | %                 | ASTM D412       |
| Tear Strength <sup>1</sup> (23°C)               | 26.3              | kN/m              | ASTM D624       |
| Compression Set (100°C, 22 hr)                  | 27                | %                 | ASTM D395B      |
| Aging                                           | Nominal Value     | Unit              | Test Method     |
| Change in Volume (121°C, 24 hr, in IRM 903 Oil) | 74                | %                 | ASTM D471       |
| NOTE                                            |                   |                   |                 |
| 1.                                              | Die C             |                   |                 |

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



WECHAT