

## ELASTO UK Dryflex® 600600S SEBS Based Material, Filled Qualities, 60A Hardness, Natural

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

### Material Notes:

The most significant features of the 600-series are the improved heat stability, the sound reduction and that the material enables an easy and secure pigmenting for the customer. A filled material reduced that stickiness and sink marks on thick details but has limited scratch resistance. Information from Vita Thermoplastic Polymers (VTP). Vita Thermoplastic Polymers was acquired by HEXPOL and is now ELASTO

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ELASTO-UK-Dryflex-600600S-SEBS-Based-Material-Filled-Qualities-60A-Hardness-Natural.php](http://www.lookpolymers.com/polymer_ELASTO-UK-Dryflex-600600S-SEBS-Based-Material-Filled-Qualities-60A-Hardness-Natural.php)

| Physical Properties   | Metric  | English   | Comments   |
|-----------------------|---|---|------------|
| Specific Gravity      | 1.18 g/cc   | 1.18 g/cc   | ASTM D792  |
| Linear Mold Shrinkage | 0.0080 - 0.020 cm/cm                                | 0.0080 - 0.020 in/in                                |            |
| Melt Flow             | 10 g/10 min<br>@Load 5.00 kg,<br>Temperature 190 °C | 10 g/10 min<br>@Load 11.0 lb,<br>Temperature 374 °F | ASTM D1238 |

| Mechanical Properties     | Metric                   | English                   | Comments                   |
|---------------------------|--------------------------|---------------------------|----------------------------|
| Hardness, Shore A         | 60<br>@Thickness 4.00 mm | 60<br>@Thickness 0.157 in | ASTM D2240                 |
| Tensile Strength at Break | 7.00 MPa                 | 1020 psi                  | ASTM D638                  |
| Elongation at Break       | >= 600 %                 | >= 600 %                  | ASTM D638                  |
| 100% Modulus              | 0.00200 GPa              | 0.290 ksi                 | ASTM D638                  |
| 300% Modulus              | 0.00300 GPa              | 0.435 ksi                 | ASTM D638                  |
| Tear Strength             | 30.0 kN/m                | 171 pli                   | ASTM D624                  |
| Compression Set           | 20 %                     | 20 %                      | at 23°C, 72 hrs; ASTM D395 |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 125 °C   | 257 °F   |          |
| Minimum Service Temperature, Air | -50.0 °C | -58.0 °F |          |

| Processing Properties  | Metric       | English      | Comments |
|------------------------|--------------|--------------|----------|
| Processing Temperature | 180 - 210 °C | 356 - 410 °F |          |

| Descriptive Properties | Value     | Comments  |
|------------------------|-----------|---|
| Bonding to PP          | Excellent |   |
| Chemical Resistance    | Good      | Excluding organic solvents, aromatic and vegetable oils |
| Color                  | Natural   |   |
| Weather Resistance     | Excellent | Air ageing  |

## Contact Songhan Plastic Technology Co.,Ltd.

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