

Taiwan Sheen Soon Sheenthane® A9511U Thermoplastic Polyurethane Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane TPE , Polyurethane, TP

Material Notes:

Thermoplastic polyurethane elastomer for injection molding Information provided by Taiwan Sheen Soon Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Taiwan-Sheen-Soon-Sheenthane-A9511U-Thermoplastic-Polyurethane-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.21 g/cc | 0.0437 lb/in ³ | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------------|-----------|----------|
| Hardness, Shore A | 93 - 97 | 93 - 97 | |
| Tensile Strength | 29.4 MPa | 4270 psi | |
| Elongation at Break | 500 % | 500 % | |
| 100% Modulus | 0.008811 GPa | 1.278 ksi | |
| 300% Modulus | 0.0216 GPa | 3.13 ksi | |

| Processing Properties | Metric | English | Comments |
|------------------------|--------------|--------------|----------|
| Processing Temperature | 185 - 210 °C | 365 - 410 °F | |

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