

Taiwan Sheen Soon Sheenthane® A9050 Thermoplastic Polyurethane Elastomer

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

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Taiwan-Sheen-Soon-Sheenthane-A9050-Thermoplastic-Polyurethane-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.13 g/cc | 0.0408 lb/in ³ | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------------|-----------|----------|
| Hardness, Shore A | 88 - 92 | 88 - 92 | |
| Tensile Strength | 24.5 MPa | 3560 psi | |
| Elongation at Break | 550 % | 550 % | |
| 100% Modulus | 0.007832 GPa | 1.136 ksi | |
| 300% Modulus | 0.0137 GPa | 1.99 ksi | |

| Processing Properties | Metric | English | Comments |
|------------------------|--------------|--------------|----------|
| Processing Temperature | 185 - 205 °C | 365 - 401 °F | |

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