

## Chengdu Polyster 8502 High Performance Grade TPV

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

### Material Notes:

Excellent resiliency, good hand feel, paintable. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chengdu-Polyster-8502-High-Performance-Grade-TPV.php](http://www.lookpolymers.com/polymer_Chengdu-Polyster-8502-High-Performance-Grade-TPV.php)

| Mechanical Properties      | Metric               | English              | Comments       |
|----------------------------|----------------------|----------------------|----------------|
| Hardness, Shore A          | 85                   | 85                   | GB 2411        |
| Tensile Strength, Ultimate | 11.5 MPa             | 1670 psi             | GB/T 528       |
| Elongation at Break        | 450 %                | 450 %                | GB/T 528       |
| Tear Strength              | 57.0 kN/m            | 325 pli              | GB/T 529       |
| Compression Set            | 30 %                 | 30 %                 | GB/T 7759      |
|                            | @Temperature 23.0 °C | @Temperature 73.4 °F |                |
|                            | 42 %                 | 42 %                 | GB/T 7759      |
|                            | @Temperature 100 °C  | @Temperature 212 °F  |                |
| Tensile Set                | 25 %                 | 25 %                 | 100%; GB/T 528 |

| Thermal Properties      | Metric      | English     | Comments |
|-------------------------|-------------|-------------|----------|
| Brittleness Temperature | <= -60.0 °C | <= -76.0 °F | GB 5470  |

## Contact Songhan Plastic Technology Co.,Ltd.

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