

## Trelleborg R510 Commercial Natural Rubber Polyisoprene

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

All information provided by Trelleborg

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Trelleborg-R510-Commercial-Natural-Rubber-Polyisoprene.php](http://www.lookpolymers.com/polymer_Trelleborg-R510-Commercial-Natural-Rubber-Polyisoprene.php)

| Physical Properties | Metric    | English   | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity    | 1.01 g/cc | 1.01 g/cc |          |

| Mechanical Properties   | Metric                                          | English                                        | Comments                   |
|-------------------------|-------------------------------------------------|------------------------------------------------|----------------------------|
| Hardness, Shore A       | 40                                              | 40                                             |                            |
| Tensile Strength, Yield | 20.0 MPa                                        | 2900 psi                                       |                            |
| Elongation at Break     | 650 %                                           | 650 %                                          |                            |
| Tear Strength           | 30.0 kN/m                                       | 171 pli                                        |                            |
| Abrasion                | 80                                              | 80                                             | mm <sup>3</sup> ; 5 N Load |
| Compression Set         | 30 %<br>@Temperature 70.0 °C,<br>Time 79200 sec | 30 %<br>@Temperature 158 °F,<br>Time 22.0 hour |                            |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 80.0 °C  | 176 °F   |          |
| Minimum Service Temperature, Air | -40.0 °C | -40.0 °F |          |

| Descriptive Properties | Value  | Comments |
|------------------------|--------|----------|
| Color                  | Yellow |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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