

## Teknor Apex TEKRON® 4200-70 Thermoplastic Elastomer

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

### Material Notes:

Information provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-TEKRON-4200-70-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-TEKRON-4200-70-Thermoplastic-Elastomer.php)

| Physical Properties | Metric                               | English                              | Comments            |
|---------------------|--------------------------------------|--------------------------------------|---------------------|
| Specific Gravity    | 0.910 g/cc                           | 0.910 g/cc                           | +/- 0.02; ASTM D792 |
| Melt Flow           | 5.4 g/10 min                         | 5.4 g/10 min                         | ASTM D1238          |
|                     | @Load 2.16 kg,<br>Temperature 230 °C | @Load 4.76 lb,<br>Temperature 446 °F |                     |

| Mechanical Properties   | Metric    | English  | Comments                           |
|-------------------------|-----------|----------|------------------------------------|
| Hardness, Shore A       | 70        | 70       | ASTM D2240                         |
| Tensile Strength, Yield | 9.205 MPa | 1335 psi | ASTM D412                          |
| Elongation at Break     | 745 %     | 745 %    | ASTM D412                          |
| Compression Set         | 27 %      | 27 %     | 23°C, 70 hr.; ASTM D395, Method B  |
|                         | 62 %      | 62 %     | 70°C, 70 hr.; ASTM D395, Method B  |
|                         | 77 %      | 77 %     | 100°C, 70 hr.; ASTM D395, Method B |

## Contact Songhan Plastic Technology Co.,Ltd.

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