

# Typical Properties of T0812

| Polymer                    | Polyurethane |                         |                             |
|----------------------------|--------------|-------------------------|-----------------------------|
| Physical Property          | Test Method  | Result (US Units)       | Result (Metric Units)       |
| Density                    | ASTM D3574   | 6.5 – 9.5 pcf           | 104 – 152 kg/m <sup>3</sup> |
| Compression Deflection 25% | ASTM D1056   | 9 – 15 psi              | 62.1 – 103.4 kPa            |
| Compression Set 50%        | ASTM D1056   | 3% Max                  | 3% Max                      |
| 25% CFD                    | ASTM D3574   | 7.5 psi                 | 51.7 kPa                    |
| Tensile Strength           | ASTM D3574   | 90 psi                  | 620.5 kPa                   |
| Elongation                 | ASTM D3574   | 60%                     | 60%                         |
| Tear Strength              | ASTM D624    | 6.5 lb./in              | 1.13 kN/m                   |
| Resilience                 | ASTM D2632   | 41%                     |                             |
| Flammability               | FMVSS-302    | Pass @ .079" or Thicker |                             |
| Service Temperature        | -40 to 250 F |                         |                             |

## Product Availability

- Standard 60 inch (1.52 meter) wide rolls with capabilities to produce in various widths.
- Available in 50 feet (15.24 meters) and 100 feet (30.48 meters) lengths, skived to custom thicknesses.
- Available with adhesives, laminated fabrics, films, custom coatings or composites.
- Various color options available with the ability to custom color match using our fully reacted colorants.
- Other additives, such as anti-microbial and flame retardants, are available depending on sales opportunities and volume.

## Characteristics

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|--|---|
| <ul style="list-style-type: none"> <li>• Breathable</li> <li>• Thermoformable</li> </ul> | <ul style="list-style-type: none"> <li>• Low Compression Set</li> <li>• Dimensionally Stable</li> </ul> |
|--|---|

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