

**Softflex 8795**

Thermoplastic Elastomer  
LyondellBasell Industries  
Engineering Plastics

| General                                 |                         |                         |             |
|-----------------------------------------|-------------------------|-------------------------|-------------|
| Uses                                    | • Overmolding           |                         |             |
| Physical                                | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Density / Specific Gravity <sup>1</sup> | 0.950                   | 0.948 g/cm <sup>3</sup> | ASTM D792   |
| Elastomers                              | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Stress (100% Strain)            | 970 psi                 | 6.69 MPa                | ASTM D412   |
| Tensile Strength <sup>2</sup> (Yield)   | 2150 psi                | 14.8 MPa                | ASTM D412   |
| Tensile Elongation (Break)              | 470 %                   | 470 %                   | ASTM D412   |
| Tear Strength                           | 160 lbf/in              | 28.0 kN/m               | ASTM D624   |
| Compression Set                         | 28 %                    | 28 %                    | ASTM D395   |
| Hardness                                | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Durometer Hardness (Shore A)            | 87                      | 87                      | ASTM D2240  |
| Thermal                                 | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Brittleness Temperature                 | < -75.0 °F              | < -59.4 °C              | ASTM D746   |

**Notes**

<sup>1</sup> Method A

<sup>2</sup> 20 in/min (510 mm/min)

**Notes**

These are typical property values not to be construed as specification limits.

