

**Dryflex® SE 50A301**

TPE-X

Hexpol TPE

| <b>Mechanical properties</b>   | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>                |              |             |                      |
| Tensile Strength               | <b>6</b>     | MPa         | ISO 37               |
| Strain at break                | <b>850</b>   | %           | ISO 37               |
| Compression set at 70 °C, 24h  | <b>34</b>    | %           | ISO 815              |
| Compression set at 100 °C, 24h | <b>68</b>    | %           | ISO 815              |
| Tear strength                  | <b>19.1</b>  | kN/m        | ISO 34-1             |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1180</b>  | kg/m <sup>3</sup> | ISO 1183             |

| <b>Processing Recommendation Injection Molding</b> | <b>Value</b>     | <b>Unit</b> | <b>Test Standard</b> |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature                           | <b>80</b>        | °C          | -                    |
| Pre-drying - Time                                  | <b>2 - 3</b>     | h           | -                    |
| Mold temperature                                   | <b>15 - 50</b>   | °C          | -                    |
| Feed temperature                                   | <b>170 - 190</b> | °C          | -                    |
| Zone 1   | <b>180 - 200</b> | °C          | -                    |
| Zone 2   | <b>190 - 210</b> | °C          | -                    |
| Zone 3   | <b>200 - 220</b> | °C          | -                    |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Good Adhesion, Soft Feel

**Certifications**

Food contact

**Applications**

Automotive, Packaging, Sports Equipment

**Regional Availability**

North America, Europe, Asia Pacific