

**Evoprene® GC 645**

TPE

Alphagary

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>8.5</b>	MPa	ISO 37
Strain at break	<b>541</b>	%	ISO 37
Compression set at 70 °C, 24h	<b>62</b>	%	ISO 815
Compression set at 100 °C, 24h	<b>79</b>	%	ISO 815
Shore A hardness	<b>86</b>	-	ISO 7619-1
<b>Other Standards<sup>[5]</sup></b>			
Stress at 100% elongation	<b>5.5</b>	MPa	ISO 37
Stress at 300% elongation	<b>19.5</b>	MPa	ISO 37
Tear strength	<b>46</b>	kN/m	ISO 6383
Abrasion resistance	<b>157</b>	mm <sup>3</sup>	DIN 53516

S: These properties are reported by the producer according standards that are different to our defaults.

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>Other Standards<sup>[5]</sup></b>			
Density	<b>1030</b>	kg/m <sup>3</sup>	ISO 2781

S: These properties are reported by the producer according standards that are different to our defaults.

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe