

Evoprene® Super G 622

TPE

Alphagary

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	9.4	MPa	ISO 37
Strain at break	531	%	ISO 37
Compression set at 70 °C, 24h	34	%	ISO 815
Compression set at 100 °C, 24h	50	%	ISO 815
Shore A hardness	76	-	ISO 7619-1
Other Standards^{S1}			
Stress at 100% elongation	3.1	MPa	ISO 37
Stress at 300% elongation	16.8	MPa	ISO 37
Tear strength	40	kN/m	ISO 6383
Abrasion resistance	181	mm ³	DIN 53516

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

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	6.0	mm	-
Oxygen index	26	%	ISO 4589-1/-2

Other properties	Value	Unit	Test Standard
Other Standards^{S1}			
Density	1140	kg/m ³	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