

Evoprene® HP 3706

TPE

Alphagary

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	9.5	MPa	ISO 37
Strain at break	545	%	ISO 37
Compression set at 70 °C, 24h	35.2	%	ISO 815
Compression set at 100 °C, 24h	49	%	ISO 815
Shore A hardness	63	-	ISO 7619-1
Other Standards^[5]			
Stress at 100% elongation	1.9	MPa	ISO 37
Stress at 300% elongation	10.2	MPa	ISO 37
Tear strength	44	kN/m	ISO 6383
Abrasion resistance	52	mm ³	DIN 53516

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

Other properties	Value	Unit	Test Standard
Other Standards^[5]			
Density	890	kg/m ³	ISO 2781

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Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe