

Evoprene® G 940

TPE

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.9	g/10min	ASTM D 1238
Temperature	190	°C	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	14.5	MPa	ISO 37
Strain at break	640	%	ISO 37
Compression set at 70 °C, 24h	81	%	ISO 815
Compression set at 100 °C, 24h	79	%	ISO 815
Shore A hardness	87	-	ISO 7619-1
Shore D hardness	34	-	ISO 7619-1
Other Standards^{S1}			
Stress at 100% elongation	7.8	MPa	ISO 37
Stress at 300% elongation	33	MPa	ISO 37
Tear strength	65	kN/m	ISO 6383
Abrasion resistance	210	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^{S1}			
Density	950	kg/m ³	ISO 2781

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Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe