

Evoprene™ GC 5648

TPS

Alphagary

Note: mechanical properties were originally reported according to ISO 37. Comparison with data according ISO 527 seems to be acceptable in this case.

Service Temp Guide = -50 to +110 °C

Thermoplastic compatibility: PP

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	4.7	MPa	ISO 527
Stress at 100% Elongation	1.6	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	18	%	ISO 815
Compression Set under constant strain, 70 °C	34	%	ISO 815
Compression Set under constant strain, 100 °C	68	%	ISO 815
Tear strength	20	kN/m	ISO 34-1
Shore Hardness A (15s)	55	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	960	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding