

Evoprene™ GC 920 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.

Abrasion DIN 53516 = 145 mm³

Service Temp Guide = -50 to +120 °C

Thermoplastic compatibility: PP

Air age 14 days @ 70C (ISO 188):

DeltaShore A = 0

Tensile Srength = 104 %

Elongation at Break = 102 %

Comment: Evoprene window gasket grade. Non black dynamic.

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	6.2	MPa	ISO 527
Stress at 100% Elongation	1.8	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	21	%	ISO 815
Compression Set under constant strain, 70 °C	59	%	ISO 815
Compression Set under constant strain, 100 °C	77	%	ISO 815
Tear strength	28	kN/m	ISO 34-1
Shore Hardness A (15s)	62	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1010	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Chemical Resistance

Ozone Resistance