

Evoprene™ G 981 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 = 103 mm³

Service Temp Guide = -30 to +125 °C

Thermoplastic compatibility: PP

Air age 14 days @ 125C (ISO 188):

DeltaShore A = - 2

Tensile Srength = 96 %

Elongation at Break = 93 %

Comment: Evoprene G opaque.

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	12.2	MPa	ISO 527
Stress at 100% Elongation	4.1	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	40	%	ISO 815
Compression Set under constant strain, 70 °C	62	%	ISO 815
Compression Set under constant strain, 100 °C	71	%	ISO 815
Tear strength	51	kN/m	ISO 34-1
Shore Hardness A (15s)	85	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1080	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding