

## Evoprene™ 007 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 = 460 mm<sup>3</sup>

Service Temp Guide = -50 to +60 °C

Thermoplastic compatibility: PS

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

DeltaShore A = + 1

Tensile Srength = 92 %

Elongation at Break = 97 %

Mechanical Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	5.1	MPa	ISO 527
Stress at 100% Elongation	2.3	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23°C	28	%	ISO 815
Tear strength	30	kN/m	ISO 34-1
Shore Hardness A (15s)	71	-	ISO 868

Other Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Density	1160	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding