

Evoprene™ COGEE 5845

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 = -40 to +100 °C

Thermoplastic compatibility: PC, ABS, PA

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	5	MPa	ISO 527
Stress at 100% Elongation	2	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	30	%	ISO 815
Compression Set under constant strain, 70 °C	66	%	ISO 815
Tear strength	29	kN/m	ISO 34-1
Shore Hardness A (15s)	60	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1180	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Chemical Resistance

Ozone Resistance