

Evoprene™ LF 6158

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 = -30 to +120 °C

Thermoplastic compatibility: PP

Comment: Auto interior grades to meet the requirements of Reflectance Fogging Std SAE J1756.

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	16.5	MPa	ISO 527
Stress at 100% Elongation	9.2	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	41	%	ISO 815
Compression Set under constant strain, 70 °C	58	%	ISO 815
Tear strength	103	kN/m	ISO 34-1
Shore Hardness A (15s)	85	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	880	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Chemical Resistance

Ozone Resistance

Features

Low Fogging

Applications

Automotive