

Evoprene™ G 6140 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 = -50 to +120 °C

Thermoplastic compatibility: PP

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

Delta Shore A = + 2

Tensile Strength = 97 %

Elongation at Break = 89 %

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	11.9	MPa	ISO 527
Stress at 100% Elongation	2.4	MPa	ISO 527
Strain at Break TPE	>300	%	ISO 527
Compression Set under constant strain, 23 °C	28	%	ISO 815
Compression Set under constant strain, 70 °C	48	%	ISO 815
Compression Set under constant strain, 100 °C	57	%	ISO 815
Tear strength	48	kN/m	ISO 34-1
Shore Hardness A (15s)	66	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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