

Evoprene™ HP 3702 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 = 178 mm³

Service Temp Guide = -50 to +120 °C

Thermoplastic compatibility: PP

Comment: Abrasion resistant grade to compete with some types of TPU.

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	5.5	MPa	ISO 527
Stress at 100% Elongation	0.5	MPa	ISO 527
Strain at Break TPE	60	%	ISO 527
Compression Set under constant strain, 23 °C	22	%	ISO 815
Compression Set under constant strain, 70 °C	35	%	ISO 815
Compression Set under constant strain, 100 °C	49	%	ISO 815
Tear strength	26	kN/m	ISO 34-1
Shore Hardness A (15s)	40	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	890	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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