



Thermylene® P6-40FG-0100

Technical Data Sheet
PP-GF40
40% Glass Fiber Reinforcement

General Properties	Value	Unit	Test Standard
Reinforcement	40	%	
Specific Gravity	1.25	g/cm3	ISO 1183A
Melt Flow	7	g/10 min	ISO 1133

Mechanical Properties	Value	Unit	Test Standard
Tensile Strength	90	MPa	ISO 527
Flexural Strength	136	MPa	ISO 178
Flexural Modulus	7800	MPa	ISO 178
Notched Izod	9	kJ/m2	ISO 180-A
Charpy Notched	9.5	kJ/m2	ISO 179

Thermal Properties	Value	Unit	Test Standard
HDT @ 1.8 MPa	145	°C	ISO 75

Auto Approvals

Chrysler Approvals: MS-DB500 CPN 4504

Always review the MSDS prior to using any of our products. The Material Safety Data Sheet for this product is available either by contacting Asahi Kasei Plastics NA Inc. or by visiting www.asahikaseiplastics.com.

There are many factors which contribute to optimal processing and part production; geometry, thickness of the part, as well as application requirements that can impact dimensional tolerances and part appearance. Please contact our company for technical assistance in this area.

This technical data sheet is a summary of known information at the time of publication. The data contained herein are preliminary and may be subject to revision. The data reflects a normal range of properties for the product specified on the technical data sheet. Extra pigments, additives or combinations with other materials may alter the data. It is the responsibility of the customer to independently determine the suitability of a particular material for the intended use.

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