



**DESCRIPTION:**

This general purpose compound has high strength and stiffness. Additionally, it has been heat stabilized for higher temperature applications.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Glass Reinforcement	40	%	ASTM D5630
Specific Gravity	1.22	g/cm3	ASTM D792 / ISO 1183A
Melt Flow	7	g/10 min	ASTM D1238

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength - ASTM	99	MPa	ASTM D638
Tensile Strength - ISO	91	MPa	ISO 527
Flexural Strength	136	MPa	ASTM D790
Flexural Modulus - Tangent	6900	MPa	ASTM D790
Flexural Modulus - 2mm/min	7900	MPa	ISO 178
Notched Izod - ASTM Flex Bar 23C	91	J/m	ASTM D256
Notched Izod - ISO 23C	9	kJ/m2	ISO 180-A
Charpy Notched 23C	7.9	kJ/m2	ISO 179

**APPROVALS**

UL

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](http://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. Asahi Kasei Plastics NA

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