

DESCRIPTION:

This compound has good stiffness and toughness and is an ideal candidate for metal replacement applications. This material also has good processability.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Glass/Ceramic Reinforcement	60	%	ASTM D5630
Specific Gravity	1.73	g/cm3	ASTM D792 / ISO 1183A

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength - ASTM	206	MPa	ASTM D638
Tensile Strength - ISO	215	MPa	ISO 527
Flexural Strength	303	MPa	ASTM D790
Flexural Modulus - Tangent	14800	MPa	ASTM D790
Flexural Modulus - 2mm/min	14700	MPa	ISO 178
Notched Izod - ASTM Flex Bar 23C	100	J/m	ASTM D256
Charpy Notched 23C	10	kJ/m2	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 264 psi	252	°C	ASTM D648

APPROVALS

Automotive - MS-DB41 CPN 3709

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. Asahi Kasei Plastics NA

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