

DESCRIPTION:

This is a general purpose glass reinforced polypropylene.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Glass Reinforcement	10	%	ASTM D5630
Specific Gravity	0.98	g/cm3	ASTM D792 / ISO 1183A
Melt Flow	7	g/10 min	ASTM D1238
Hardness Rockwell	20	M Scale	ASTM D785

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength - ASTM	55	MPa	ASTM D638
Flexural Strength	53	MPa	ASTM D790
Flexural Modulus - Tangent	2400	MPa	ASTM D790
Notched Izod - ASTM Flex Bar 23C	48	J/m	ASTM D256

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 66 psi	138	°C	ASTM D648
HDT @ 264 psi	124	°C	ASTM D648

APPROVALS

ESB-M4D299-A1

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 Inc. makes no warranties, express or implied, concerning the suitability or fitness of its products for any particular use or accepts

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