

DESCRIPTION:

The performance of this compound has been optimized for improved dimensional stability. Grades that have been heat stabilized for higher temperature applications are also available.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Fiber Mineral Reinforcement	35	%	ASTM D5630
Specific Gravity	1.18	g/cm ³	ASTM D792 / ISO 1183A
Melt Flow	12	g/10 min	ASTM D1238

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength - ASTM	69	MPa	ASTM D638
Tensile Strength - ISO	65	MPa	ISO 527
Flexural Strength	94	MPa	ASTM D790
Flexural Modulus - Tangent	4800	MPa	ASTM D790
Flexural Modulus - 2mm/min	5000	MPa	ISO 178
Notched Izod - ASTM Flex Bar 23C	58	J/m	ASTM D256
Charpy Notched 23C	5.7	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 264 psi	130	°C	ASTM D648

APPROVALS

GMP.PP.032; MS-DB500 CPN 1951

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

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