

Material Property

DESCRIPTION

This structural-purpose glass-reinforced polypropylene compound has high strength/stiffness and good creep resistance. Additionally it is heat stabilized for high temperature applications.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	50	%	ISO 3451/1
Density	1.35	g/cm ³	ISO 1183A
Melt Flow	5	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	112	MPa	ISO 527
Flexural Strength	167	MPa	ISO 178
Flexural Modulus	10300	MPa	ISO 178
Charpy Notched 23°C	11	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	151	°C	ISO 75

Auto Approvals

GM GMW16607P-PP-GF50

