

Material Property

DESCRIPTION

This is a 40% fiber glass reinforced polypropylene performance compound designed for replacement of engineered compounds in structural applications. It is stabilized for demanding underhood temperature performance.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	40	%	ISO 3451/1
Density	1.26	g/cm ³	ISO 1183A
Melt Flow	7	g/10 min	ISO 1133
MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	105	MPa	ISO 527
Flexural Strength	175	MPa	ISO 178
Flexural Modulus	9000	MPa	ISO 178
Charpy Notched 23°C	10	kJ/m ²	ISO 179
THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	150	°C	ISO 75

Auto Approvals

n/a

