

Material Property

DESCRIPTION

This is a 40% fiber glass reinforced polypropylene performance compound designed for replacement of engineered compounds in structural applications and it is also UV stabilized for weathering exposure.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	40	%	ISO 3451/1
Density	1.24	g/cm ³	ISO 1183A
Melt Flow	4	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	94	MPa	ISO 527
Flexural Strength	150	MPa	ISO 178
Flexural Modulus	8500	MPa	ISO 178
Charpy Notched 23°C	9	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	147	°C	ISO 75

Auto Approvals

n/a

