

Material Property

DESCRIPTION

This is a 40% fiber glass reinforced polypropylene performance compound designed for replacement of engineered compounds in structural applications

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	40	%	ISO 3451/1
Density	1.23	g/cm ³	ISO 1183A
Melt Flow	4	g/10 min	ISO 1133
MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	105	MPa	ISO 527
Flexural Strength	160	MPa	ISO 178
Flexural Modulus	7900	MPa	ISO 178
Charpy Notched 23°C	7	kJ/m ²	ISO 179
THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	148	°C	ISO 75

Auto Approvals

n/a

