

Material Property

DESCRIPTION

This high performance, structural compound has been optimized for high strength/stiffness applications. It is suitable to enable light-weighting in structural applications by replacement of high density engineered polymer compounds.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	60	%	ISO 3451/1
Density	1.49	g/cm ³	ISO 1183A
Melt Flow	3	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	121	MPa	ISO 527
Flexural Strength	190	MPa	ISO 178
Flexural Modulus	14200	MPa	ISO 178
Charpy Notched 23°C	9.8	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	154	°C	ISO 75

Auto Approvals
GM GMW15702-150048

