

DESCRIPTION

This high performance compound has been optimized for high strength/stiffness and has good creep resistance. 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	45	%	ISO 3451/1
Density	1.30	g/cm ³	ISO 1183A
Melt Flow	2	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	110	MPa	ISO 527
Flexural Strength	169	MPa	ISO 178
Flexural Modulus	10300	MPa	ISO 178
Charpy Notched 23°C	10.0	kJ/m ²	ISO 179

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

Auto Approvals
 GM GMP.PP.118
 FCA MS-DB500 CPN 4156

