

Material Property

DESCRIPTION

The performance of this compound has been optimized for improved dimensional and temperature stability.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	40	%	ISO 3451/1
Density	1.24	g/cm ³	ISO 1183A
Melt Flow	2	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	80	MPa	ISO 527
Flexural Strength	125	MPa	ISO 178
Flexural Modulus	7500	MPa	ISO 178
Charpy Notched 23°C	4.5	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	143	°C	ISO 75

Auto Approvals

FCA MS-DB500 CPN 3307

