

Material Property

DESCRIPTION

This high performance compound has been heat optimized for high strength/stiffness and has good creep resistance.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	30	%	ISO 3451/1
Density	1.13	g/cm ³	ISO 1183A
Melt Flow	3	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	86	MPa	ISO 527
Flexural Strength	135	MPa	ISO 178
Flexural Modulus	6100	MPa	ISO 178
Charpy Notched 23°C	10	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	144	°C	ISO 75

Auto Approvals

N/A

