

Material Property

DESCRIPTION

This is a glass reinforced polypropylene compound that has been designed for good impact performance.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	15	%	ISO 3451/1
Density	1.00	g/cm ³	ISO 1183A
Melt Flow	8	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	47	MPa	ISO 527
Flexural Strength	73	MPa	ISO 178
Flexural Modulus	3000	MPa	ISO 178
Charpy Notched 23°C	11	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	120	°C	ISO 75

Auto Approvals

FCA MS-DB500 CPN 3666 ; MS-DB500 CPN 4069 ; MS-DB500 CPN 5197

