

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	10	%	ISO 3451/1
Density	0.97	g/cm ³	ISO 1183A
Melt Flow	2	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	42	MPa	ISO 527
Flexural Strength	63	MPa	ISO 178
Flexural Modulus	2400	MPa	ISO 178
Charpy Notched 23°C	11	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	99	°C	ISO 75

Auto Approvals
n/a

