

Material Property

DESCRIPTION

This is a high performance glass-reinforced polypropylene compound with high strength/stiffness and designed for excellent UV resistance.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	30	%	ISO 3451/1
Density	1.13	g/cm ³	ISO 1183A
Melt Flow	4	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	91	MPa	ISO 527
Flexural Strength	137	MPa	ISO 178
Flexural Modulus	6500	MPa	ISO 178
Charpy Notched 23°C	9	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	148	°C	ISO 75

Auto Approvals

NA

