

Material Property

DESCRIPTION

This is a general purpose glass fiber reinforced polypropylene compound that has been optimized for applications requiring nominal strength and stiffness.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	10	%	ISO 3451/1
Density	0.98	g/cm ³	ISO 1183A
Melt Flow	7	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	53	MPa	ISO 527
Flexural Strength	81	MPa	ISO 178
Flexural Modulus	2700	MPa	ISO 178
Charpy Notched 23°C	5	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	116	°C	ISO 75

Auto Approvals
 Ford ESB-M4D299-A1

