

Material Property

DESCRIPTION

This is a calcium carbonate filled polypropylene compound that has been optimized for applications requiring improved impact resistance and stiffness balance.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	10	%	ISO 3451/1
Density	0.98	g/cm ³	ISO 1183A
Melt Flow	13	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	30	MPa	ISO 527
Flexural Strength	41	MPa	ISO 178
Flexural Modulus	1700	MPa	ISO 178
Charpy Notched 23°C	4	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	56	°C	ISO 75

Auto Approvals
 Ford ESB-M4D605-A (B-Pillar)

