

Material Property

DESCRIPTION

This is a glass reinforced polypropylene compound that has been designed with high melt flow for thin-wall molding and heat stabilized for underhood applications.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	20	%	ISO 3451/1
Density	1.05	g/cm ³	ISO 1183A
Melt Flow	14	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	69	MPa	ISO 527
Flexural Strength	100	MPa	ISO 178
Flexural Modulus	4300	MPa	ISO 178
Charpy Notched 23°C	7	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	140	°C	ISO 75

Auto Approvals

GM GMP.PP.099; GMW16607P-PP-GF20

