

Material Property

DESCRIPTION

This is a glass reinforced polypropylene compound that has been designed for high strength and stiffness for structural applications and is included with heat stabilization 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	4	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	76	MPa	ISO 527
Flexural Strength	126	MPa	ISO 178
Flexural Modulus	4500	MPa	ISO 178
Charpy Notched 23°C	8	kJ/m ²	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	142	°C	ISO 75

Auto Approvals
 FCA MS-DB500 CPN 3575

