

## Material Property

### DESCRIPTION

This high performance, weathering performance compound has been optimized for high strength/stiffness and has good creep resistance. It is suitable to enable light-weighting in structural applications by replacement of high density engineered polymer compounds. It is also optimized for easy processability in thin-wall or large applications.

GENERAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Filler Content	45	%	ISO 3451/1
Density	1.30	g/cm <sup>3</sup>	ISO 1183A
Melt Flow	10	g/10 min	ISO 1133

MECHANICAL PROPERTIES	VALUE	UNIT	TEST STANDARD
Tensile Strength	113	MPa	ISO 527
Flexural Strength	180	MPa	ISO 178
Flexural Modulus	10800	MPa	ISO 178
Charpy Notched 23°C	10.0	kJ/m <sup>2</sup>	ISO 179

THERMAL PROPERTIES	VALUE	UNIT	TEST STANDARD
HDT @ 1.8 MPa	153	°C	ISO 75

### Auto Approvals

n/a

