

**DURANEX® MH1304 T01**

Polyplastics - Polycarbonate + PBT

## General Information

**Product Description**

Lower Noise, Damping

GF30% Reinforced, HB

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Noise Damping
Appearance	• Black
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT+PC-I-(GF+MD)30<

 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm <sup>3</sup>	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	14200	psi	ISO 527-2
Tensile Strain (Break)	2.9	%	ISO 527-2
Flexural Modulus	1.02E+6	psi	ISO 178
Flexural Stress	21500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.3	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	394	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	1.1E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	5.0E-5	in/in/°F	Internal Method
Electrical	Nominal Value	Unit	Test Method
Electric Strength (0.118 in)	480	V/mil	IEC 60243-1

