

DURANEX® 3100H

PBT-GF10

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	81	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	3830	MPa	ISO 178
Flexural strength	135	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 90	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	199	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	60	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Electrical properties			
ISO Data			
Electric strength	17	kV/mm	IEC 60243-1
Other properties			
Density	1360	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Asia Pacific