

DURANEX® 330GW

PBT-GF30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	87	MPa	ISO 527
Strain at break	0.9	%	ISO 527
Flexural modulus, 23°C	11000	MPa	ISO 178
Flexural strength	139	MPa	ISO 178
Charpy notched impact strength, +23°C	5.2	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	208	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	20	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	70	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Glow Wire Ignition Temperature (GWIT)	775	°C	IEC 60695-2-13
GWIT - thickness tested (1)	0.75	mm	-
Glow Wire Ignition Temperature (GWIT)	775	°C	IEC 60695-2-13
GWIT - thickness tested (2)	1.5	mm	-
Glow Wire Ignition Temperature (GWIT)	775	°C	IEC 60695-2-13
GWIT - thickness tested (3)	3	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	17	kV/mm	IEC 60243-1
Comparative tracking index	325	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1760	kg/m ³	ISO 1183

Characteristics**Additives**

Flame retarding agent

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant