

DURANEX® 330HR

PBT-GF30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	149	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	9100	MPa	ISO 178
Flexural strength	230	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 100	-	ISO 2039-2
ASTM Data			
Tensile Strength	147	MPa	ASTM D 638
Flexural Modulus	9310	MPa	ASTM D 790
Flexural Strength	225	MPa	ASTM D 790
Izod Impact notched, 1/4 in	94.2	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	209	°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	90	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
ASTM Data			
DTUL @ 264 psi	213	°C	ASTM D 648
Electrical properties			
ISO Data			
Volume resistivity	2E14	Ohm*m	IEC 62631-3-1
Electric strength	26	kV/mm	IEC 60243-1
Other properties			
Density	1530	kg/m ³	ISO 1183
Density	1530	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

Hydrolytically Stable

Regional Availability

Asia Pacific