

DURANEX® 7307

(PBT+PC)-GF30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	106	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Flexural modulus, 23°C	6500	MPa	ISO 178
Flexural strength	168	MPa	ISO 178
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 80	-	ISO 2039-2
ASTM Data			
Tensile Strength	102	MPa	ASTM D 638
Flexural Modulus	5880	MPa	ASTM D 790
Flexural Strength	166	MPa	ASTM D 790
Izod Impact notched, 1/4 in	84.6	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	195	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60	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	200	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	24	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1470	kg/m ³	ISO 1183
Density	1470	kg/m ³	ASTM D 792

Characteristics**Features**

Low Warpage

Regional Availability

Asia Pacific