

DURANEX® 7400F

(PBT+PTFE)-GF30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	131	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Flexural modulus, 23°C	8970	MPa	ISO 178
Flexural strength	202	MPa	ISO 178
Charpy notched impact strength, +23°C	10.2	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 90	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	216	°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	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	3E14	Ohm*m	IEC 62631-3-1
Electric strength	21	kV/mm	IEC 60243-1
Comparative tracking index	425	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1610	kg/m ³	ISO 1183

Characteristics**Additives**

Lubricants

Regional Availability

Asia Pacific

Features

Tribologic Grade