

DURANEX® 711SA

(PBT+ABS)-GF

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	93	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	7620	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy notched impact strength, +23°C	5.3	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	180	°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	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	26	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	65	°C	-
Zone 1	210	°C	-
Zone 2	230	°C	-
Zone 3	250	°C	-
Injection speed	50	mm/s	-
Injection pressure	68	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Features

Low Warpage