

DURANEX® 750LD

(PBT+ABS)-GF30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	135	MPa	ISO 527
Strain at break	1.8	%	ISO 527
Flexural modulus, 23°C	10100	MPa	ISO 178
Flexural strength	206	MPa	ISO 178
Charpy notched impact strength, +23°C	7.9	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	205	°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	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	4E14	Ohm*m	IEC 62631-3-1
Electric strength	18	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1600	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	65	°C	-
Zone 1	230	°C	-
Zone 2	260	°C	-
Zone 3	260	°C	-
Screw speed	100	rpm	-
Injection speed	17	mm/s	-
Back pressure	5.9	MPa	-

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Features

Low Warpage

Regional Availability

Asia Pacific