

DURANEX® CN7000LN/LB

PBT

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	54	MPa	ISO 527
Nominal strain at break	11	%	ISO 527
Flexural modulus, 23°C	2310	MPa	ISO 178
Flexural strength	81	MPa	ISO 178
Charpy notched impact strength, +23°C	3.3	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 80	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	64	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100	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	6E13	Ohm*m	IEC 62631-3-1
Electric strength	17	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ISO 1183

Characteristics**Additives**

Flame retarding agent

Certifications

Recycled Resin Content

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific