

LAPEROS™ E481i

LCP-(MD+GF)45

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	13000	MPa	ISO 178
Flexural strength	160	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 60	-	ISO 2039-2
ASTM Data			
Tensile Strength	115	MPa	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	260	°C	ISO 75-1/-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			
Relative permittivity, 1MHz	4.1	-	IEC 62631-2-1
Dissipation factor, 1MHz	200	E-4	IEC 62631-2-1
Volume resistivity	2E14	Ohm*m	IEC 62631-3-1
Electric strength	47	kV/mm	IEC 60243-1
Comparative tracking index	200	-	IEC 60112
ASTM Data			
Arc Resistance	182	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Density	1770	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

Asia Pacific

Features

Low Warpage