

**LAPEROS™ E130G**

LCP-GF30

Polyplastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Flexural modulus, 23°C	<b>12000</b>	MPa	ISO 178
Flexural strength	<b>170</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>35</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>M 65</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	<b>170</b>	MPa	ASTM D 638
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>245</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>270</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Yellow Card available	<b>yes</b>	-	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 1MHz	<b>3.8</b>	-	IEC 62631-2-1
Dissipation factor, 1MHz	<b>300</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>6E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>44</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>125</b>	-	IEC 60112
<b>ASTM Data</b>			
Arc Resistance	<b>144</b>	s	ASTM D 495
<b>Other properties</b>			
Density	<b>1610</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Flame retardant

**Regional Availability**

Asia Pacific