

**KEBAFLOW LCP HF130**

LCP-GF30

Barlog plastics GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.2</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.5</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>14000</b>	MPa	ISO 527
Stress at break	<b>136</b>	MPa	ISO 527
Strain at break	<b>1.5</b>	%	ISO 527
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>305</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E13</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E15</b>	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Water absorption	<b>0.04</b>	%	Sim. to ISO 62
Density	<b>1620</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>150 - 170</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Processing humidity	<b>≤0.01</b>	%	-
Melt temperature	<b>335 - 345</b>	°C	-
Mold temperature	<b>80 - 120</b>	°C	-
Back pressure	<b>0 - 4</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Chemical Resistance**

General Chemical Resistance

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electronical

**Regional Availability**

Europe