

**KEBAFLOW LCP MX130**

LCP-(GF+MX)30

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.4	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	12000	MPa	ISO 527
Stress at break	125	MPa	ISO 527
Strain at break	2.3	%	ISO 527
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	268	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Water absorption	0.03	%	Sim. to ISO 62
Density	1670	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	150 - 170	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.01	%	-
Melt temperature	335 - 345	°C	-
Mold temperature	80 - 120	°C	-
Back pressure	0 - 3	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electronical

**Regional Availability**

Europe