

**KEBAFORM C FE 161105**

POM

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Strain at break	10	%	ISO 527
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	166	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	60 - 100	°C	-
Feed temperature	60 - 80	°C	-
Nozzle temperature	190 - 210	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

Tribologic Grade, Copolymer

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Sports Equipment

**Regional Availability**

Europe