

**Biolloy KG340**

(PLA+ABS)

Techno-UMG Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	69	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	68	MPa	ISO 527
Flexural modulus, 23°C	3270	MPa	ISO 178
Flexural strength	95	MPa	ISO 178
Charpy impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eU
Rockwell hardness	R 117	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	56	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	1210	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	65	°C	-
Mold temperature	40 - 80	°C	-
Zone 1	190 - 260	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

IT / Business Machine

**Certifications**

Contains renewable resources

**Regional Availability**

North America, Asia Pacific