

Product Texts

Genestar LC122 is a grade for precision parts.

Main features of LA121 are:

- Good dimension stability
- Good flow-ability at thin wall
- Smooth surface and good abrasion.

Example of applications is:

- Camera module

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	14500	MPa	ISO 527
Tensile Strength	83	MPa	ISO 527
^[C] Stress at break	83	MPa	ISO 527
^[C] Strain at break	0.6	%	ISO 527
Flexural modulus, 23°C	15000	MPa	ISO 178
Flexural strength	150	MPa	ISO 178
Charpy notched impact strength, +23°C	1.8	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	306	°C	ISO 11357-1/-3
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Burning behav. at thickness h	HB	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.08	%	Sim. to ISO 62
^[C] Density	1620	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa