

Product Texts

Genestar TA104 is unreinforced injection grade.

Main features of TA104 are:

- High reflectivity
- Less color change by heat and light
- High reliability
- High flowability

Example of applications is:

- LED reflectors

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.2	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at break	60	MPa	ISO 527
^[C] Strain at break	1.8	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	306	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	125	°C	ISO 11357-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.15	%	Sim. to ISO 62

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

Light stabilized or stable to light

Regional Availability

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