

Product Texts

Genestar G1302-F is an abrasion resistant HB grade.

Main feature of G1302-F is:

-Good abrasion resistant

Examples of applications are:

-Gear

-Switch

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9900	MPa	ISO 527
^[C] Stress at break	154	MPa	ISO 527
^[C] Strain at break	1.9	%	ISO 527
^[C] Charpy notched impact strength, +23°C	10.7	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

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Water absorption	0.16	%	Sim. to ISO 62
^[C] Density	1370	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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