

Tisetilen® N 10D03 R01

PE-GF10

Tisan Engineering Plastics Co.Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	6	%	ISO 527
Izod notched impact strength, +23°C	9.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	170	°C	-
Mold temperature	120	°C	-
Zone 1	150	°C	-
Zone 2	160	°C	-
Zone 3	170	°C	-
Nozzle temperature	180	°C	-
Back pressure	0.35 - 0.69	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Near East/Africa

Delivery form

Pellets, Natural Color