

Tisetilen® N F01 K01 R01

PE

Tisan Engineering Plastics Co.Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	275	MPa	ISO 527
Stress at break	11	MPa	ISO 527
Strain at break	>50	%	ISO 527
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-2 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-2 0.8	class mm	IEC 60695-11-10 -
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Comparative tracking index	250	-	IEC 60112
Other properties			
Density	1140	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Delivery form

Pellets, Natural Color

Regional Availability

Europe, Near East/Africa