

## Vitane LFC 9350

TPU

geba Kunststoffcompounds GmbH

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	15.5	MPa	ISO 37
Strain at break	130	%	ISO 37
Shore D hardness	50	-	ISO 7619-1
<b>Other Standards<sup>[5]</sup></b>			
Stress at 10% elongation	0.7	MPa	DIN 53504

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Volume resistivity	2	Ohm*m	IEC 60093
Surface resistivity	400	Ohm	IEC 60093

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1270	kg/m <sup>3</sup>	ISO 1183

Test specimen production	Value	Unit	Test Standard
<b>ISO Data</b>			
Injection Molding, melt temperature	220	°C	ISO 294
Injection Molding, mold temperature	60	°C	ISO 294

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<80	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	210 - 230	°C	-
Mold temperature	40 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	210 - 220	°C	-
Zone 2	210 - 220	°C	-
Zone 3	220 - 230	°C	-
Nozzle temperature	220 - 230	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Increased electrical conductivity

### Chemical Resistance

Oil Resistance

### Applications

Electrical and Electronical, Packaging

### Regional Availability

Europe