

**Tisakril® I 20D03 R01**

ABS-GF20

Tisan Engineering Plastics Co.Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>4500</b>	MPa	ISO 527
Stress at break	<b>57.5</b>	MPa	ISO 527
Izod notched impact strength, +23°C	<b>5.5</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>1E13</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E15</b>	Ohm	IEC 62631-3-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183
Moisture Content	<b>0.1</b>	%	-

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>200 - 230</b>	°C	-
Mold temperature	<b>60 - 80</b>	°C	-
Zone 1	<b>200 - 230</b>	°C	-
Zone 2	<b>200 - 230</b>	°C	-
Zone 3	<b>200 - 230</b>	°C	-
Nozzle temperature	<b>200</b>	°C	-
Back pressure	<b>0.1 - 0.5</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe, Near East/Africa

**Delivery form**

Pellets, Natural Color