

**EPIMIX PBT GV0 10 NC Q1B0B501**

PBT-GF10

Epsan Plastik San. Tic. A.Ş

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.4</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.1</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>5100</b>	MPa	ISO 527
Stress at break	<b>85</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Flexural modulus, 23°C	<b>4500</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>220</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>200</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>215</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>205</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	<b>200</b>	-	IEC 60112
<b>Other properties</b>			
Density	<b>1520</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>260</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Additives**

Lubricants

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Applications**

General Purpose

**Regional Availability**

Europe