

**Taromid B 280 G10**

PA6-GF50

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	14000	MPa	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	13500	MPa	ISO 178
Charpy notched impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	155	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	218	°C	ISO 75-1/-2
Vicat softening temperature, B	218	°C	ISO 306
Coeff. of linear therm. expansion, parallel	24	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	24	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	550	-	IEC 60112
<b>Other properties</b>			
Water absorption	4.2	%	Sim. to ISO 62
Density	1570	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Release agent

**Special Characteristics**

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Features**

Low Odor

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe