

**Taromid A 280 Z1 G6**

PA66-GF30

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>8</b>	g/10min	ISO 1133
Temperature	<b>280</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>8400</b>	MPa	ISO 527
Stress at break	<b>140</b>	MPa	ISO 527
Strain at break	<b>4</b>	%	ISO 527
Flexural modulus, 23°C	<b>8000</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>18</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>160</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>90</b>	J/m	ASTM D 256
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>256</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>205</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>225</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>32</b>	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>0.97</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>&gt;1E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>22</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>500</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>4.5</b>	%	Sim. to ISO 62
Density	<b>1290</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Features**

Low Odor

**Additives**

Release agent

**Regional Availability**

Europe

**Special Characteristics**

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