

**Taromid A 280 H G6 X0**

PA66-GF30

Taro Plast S.p.A.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>9200</b>	MPa	ISO 527
Stress at break	<b>145</b>	MPa	ISO 527
Strain at break	<b>2.2</b>	%	ISO 527
Flexural modulus, 23°C	<b>9000</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>7.2</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>75</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>253</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>240</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>242</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>28</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.88</b>	mm	-
Limiting Oxygen Index	<b>34</b>	%	ASTM D 2863

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>&gt;1E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>26</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>400</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>4.5</b>	%	Sim. to ISO 62
Density	<b>1570</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Regional Availability**

Europe

**Features**

Low Odor