

**Taromid A 280**

PA66

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	280	°C	-
Load	1	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3100	MPa	ISO 527
Yield stress	88	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	3100	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	42	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	30	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	256	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	254	°C	ISO 306
Vicat softening temperature, B	240	°C	ISO 306
Coeff. of linear therm. expansion, parallel	80	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	26	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	7	%	Sim. to ISO 62
Density	1140	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**

Laser Markable, Low Odor

**Applications**

Automotive, Electrical and Electronical, General Purpose

**Regional Availability**

Europe