

Taromid A 280 S

PA66

Taro Plast S.p.A.

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3300	MPa	ISO 527
Yield stress	88	MPa	ISO 527
Stress at break	88	MPa	ISO 527
Strain at break	40	%	ISO 527
Flexural modulus, 23°C	3250	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.4	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	24	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
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
ASTM Data			
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
ISO Data			
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 ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Features

Low Odor

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe