

Taromid A 280 MT6

PA66-MX30

Taro Plast S.p.A.

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7200	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Stress at break	74	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256

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	190	°C	ISO 75-1/-2
Vicat softening temperature, B	235	°C	ISO 306
Coeff. of linear therm. expansion, parallel	45	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.97	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	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	5	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183

Characteristics**Additives**

Release agent

Features

Low Odor

Special Characteristics

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

Regional Availability

Europe