

Taromid B 280 MT8

PA6-MX40

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	70	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	10	kg	-
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	6000	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	5800	MPa	ISO 178
Charpy impact strength, +23°C	28	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	25	kJ/m ²	ISO 180/1U
Izod notched impact strength	3.2	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
ASTM Data			
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Vicat softening temperature, B	210	°C	ISO 306
Coeff. of linear therm. expansion, parallel	45	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	24	%	ASTM D 2863
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	28	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	5.5	%	Sim. to ISO 62
Density	1470	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