

Taromid B 280 Z3

PA6

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1800	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	85	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	800	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	600	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Vicat softening temperature, B	150	°C	ISO 306
Coeff. of linear therm. expansion, parallel	70	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	-
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	6	%	Sim. to ISO 62
Density	1090	kg/m ³	ISO 1183

Characteristics**Additives**

Release agent

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Low Odor

Chemical Resistance

General Chemical Resistance, Solvent Resistance, Oil Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe