

**Taromid B 280 R3**

PA6

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	250	°C	-
Load	1	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	500	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	480	J/m	ASTM D 256
Temperature	-25	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	218	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Vicat softening temperature, B	170	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	18	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
<b>Other properties</b>			
Water absorption	6	%	Sim. to ISO 62
Density	1080	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Release agent

**Special Characteristics**

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

**Features**

Low Odor

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe