

Taromid B 280 G5 X0

PA6-GF25

Taro Plast S.p.A.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8400	MPa	ISO 527
Stress at break	125	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	204	°C	ISO 75-1/-2
Vicat softening temperature, A	214	°C	ISO 306
Vicat softening temperature, B	209	°C	ISO 306
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.97	mm	-
Limiting Oxygen Index	30	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	325	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	7	%	Sim. to ISO 62
Density	1460	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

Applications

Automotive, Electrical and Electronical

Features

Low Odor

Regional Availability

Europe