Taromid A 280 G4

PA66-GF20 — Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**14**	g/10min	ISO 1133
Temperature	**280**	°C	-
Load	**2.16**	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**7200**	MPa	ISO 527
Stress at break	**130**	MPa	ISO 527
Strain at break	**4**	%	ISO 527
Flexural modulus, 23°C	**6600**	MPa	ISO 178
Charpy impact strength, +23°C	**30**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**4.5**	kJ/m²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	**60**	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	**230**	°C	ISO 75-1/-2
Vicat softening temperature, A	**254**	°C	ISO 306
Vicat softening temperature, B	**250**	°C	ISO 306
Coeff. of linear therm. expansion, parallel	**40**	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	**HB**	-	UL 94
Thickness tested	**0.75**	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	**22**	kV/mm	IEC 60243-1
Comparative tracking index	**500**	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	**6**	%	Sim. to ISO 62
Density	**1250**	kg/m³	ISO 1183

Characteristics

Delivery form
Pellets

Additives
Release agent

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

Features
Low Odor

Regional Availability
Europe