

Haiplen H50 T8

PP-T40

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	4100	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Stress at break	27	MPa	ISO 527
Strain at break	25	%	ISO 527
Flexural modulus, 23°C	4000	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	20	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	100	°C	ISO 306
Coeff. of linear therm. expansion, parallel	60	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Other properties			
Water absorption	0.05	%	Sim. to ISO 62
Density	1240	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Special Characteristics

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

Features

Laser Markable, Low Odor, Homopolymer

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe