

Haiplen H50 Y0

PP

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	2200	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
ASTM Data			
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	130	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	95	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Limiting Oxygen Index	28	%	ASTM D 2863
Electrical properties			
ISO Data			
Electric strength	25	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	0.08	%	Sim. to ISO 62
Density	1050	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Special Characteristics

Flame retardant, 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