

Haiplen H50 X2

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	1700	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy notched impact strength, +23°C	3.2	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-23	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	120	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	90	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	3.2	mm	-
Limiting Oxygen Index	26	%	ASTM D 2863
Other properties			
Water absorption	0.03	%	Sim. to ISO 62
Density	960	kg/m ³	ISO 1183

Characteristics

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