

**Haiplen H89 X2**

PP

Taro Plast S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
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
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	25	J/m	ASTM D 256
Temperature	-23	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
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
<b>ASTM Data</b>			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	3.2	mm	-
Limiting Oxygen Index	26	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	600	-	IEC 60112
<b>Other properties</b>			
Water absorption	0.03	%	Sim. to ISO 62
Density	960	kg/m <sup>3</sup>	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