

**Polimaxx MH-1**

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>18</b>	g/10min	ASTM D 1238
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>52</b>	MPa	ASTM D 638
Flexural Modulus	<b>2256</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 116</b>	-	ASTM D 785
Izod Impact notched, 1/4 in	<b>255</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
DTUL @ 66 psi	<b>94</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>86</b>	°C	ASTM D 648
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80 - 85</b>	°C	-
Pre-drying - Time	<b>2 - 5</b>	h	-
Melt temperature	<b>190 - 240</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

General Purpose

**Certifications**

Food contact, US Pharmacopeia Class VI Approved, RoHS compliant

**Regional Availability**

Europe, Asia Pacific