

**Polimaxx HI830**

PS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	21.4	MPa	ASTM D 638
Flexural Modulus	2139	MPa	ASTM D 790
Rockwell Hardness	L 82	-	ASTM D 785
Izod Impact notched, 1/4 in	118	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3	mm	-
DTUL @ 264 psi	90	°C	ASTM D 648
Vicat Temperature	96	°C	ASTM D 1525

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	190 - 240	°C	-

**Characteristics****Processing**

Other Extrusion

**Special Characteristics**

High impact or impact modified

**Certifications**

Food contact, RoHS compliant

**Applications**

Electrical and Electronical, Packaging

**Regional Availability**

Europe, Asia Pacific