

**Polimaxx 1102H**

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	28	%	ASTM D 638
Rockwell Hardness	R 107	-	ASTM D 785

Other Standards <sup>[5]</sup>	Value	Unit	Test Standard
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	DIN 53453

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	110	°C	ASTM D 648

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	170 - 290	°C	-

**Characteristics****Processing**

Sheet Extrusion, Blow Molding, Thermoforming

**Special Characteristics**

High impact or impact modified

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Applications**

Monofilament

**Regional Availability**

Europe, Asia Pacific