

**Polimaxx 1100RC**

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	20	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	36	MPa	ASTM D 638
Elongation at Yield	26	%	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	2.4	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 Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	240 - 280	°C	-

**Characteristics****Processing**

Injection Molding, Coating

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Applications**

Multifilament, Packaging

**Regional Availability**

Europe, Asia Pacific