

**Polimaxx 1140NN**

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	11	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	33	MPa	ASTM D 638
Elongation at Yield	28	%	ASTM D 638
Rockwell Hardness	R 105	-	ASTM D 785

**Other Standards<sup>[5]</sup>**

Charpy notched impact strength, +23°C	3	kJ/m <sup>2</sup>	DIN 53453
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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	105	°C	ASTM D 648

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

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Transparent

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Applications**

General Purpose, Packaging

**Regional Availability**

Europe, Asia Pacific