

**Polimaxx 1111NX TA8**

PP-T40

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>10</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>36</b>	MPa	ASTM D 638
Elongation at Break	<b>4</b>	%	ASTM D 638
Flexural Modulus	<b>7358</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 101</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>22</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>147</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1260</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80 - 85</b>	°C	-
Pre-drying - Time	<b>2 - 3</b>	h	-
Melt temperature	<b>190 - 240</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Homopolymer

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific