

**Polimaxx 1111NX TA4**

PP-T20

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	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Break	11	%	ASTM D 638
Flexural Modulus	3630	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/8 in	29	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	142	°C	ASTM D 648
<b>Other properties</b>			
Density	1060	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	190 - 240	°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