

Polimaxx 1196NN

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	30.4	MPa	ASTM D 638
Elongation at Break	21	%	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Rockwell Hardness	R 101	-	ASTM D 785
Izod Impact notched, 1/8 in	44.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	130	°C	ASTM D 648
Other properties			
Density	1030	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Homopolymer

Applications

Electrical and Electronical

Regional Availability

Europe, Asia Pacific