

Polimaxx 1111R

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	40	MPa	ASTM D 638
Elongation at Yield	22	%	ASTM D 638
Rockwell Hardness	R 112	-	ASTM D 785

Other Standards ^[5]	Value	Unit	Test Standard
Charpy notched impact strength, +23°C	2.3	kJ/m ²	DIN 53453

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	129	°C	ASTM D 648

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

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific