

Polimaxx 1102K

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	27	%	ASTM D 638
Rockwell Hardness	R 107	-	ASTM D 785

Other Standards ^[5]	Value	Unit	Test Standard
Charpy notched impact strength, +23°C	4.5	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	110	°C	ASTM D 648

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	200 - 280	°C	-

Characteristics**Processing**

Sheet Extrusion

Special Characteristics

High impact or impact modified

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Applications

Monofilament

Regional Availability

Europe, Asia Pacific