

Polimaxx AP102

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	21	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	43	MPa	ASTM D 638
Flexural Modulus	2305	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/4 in	245	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	96	°C	ASTM D 648
DTUL @ 264 psi	88	°C	ASTM D 648
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Platable

Certifications

RoHS compliant

Applications

Automotive, Electrical and Electronical, Packaging

Regional Availability

Europe, Asia Pacific