

Polimaxx SP100

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	44	MPa	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/4 in	334	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	90	°C	ASTM D 648
DTUL @ 264 psi	84	°C	ASTM D 648
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 5	h	-
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Certifications

RoHS compliant

Applications

Automotive, Electrical and Electronical, Refrigeration

Regional Availability

Europe, Asia Pacific