

Polimaxx SR101

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	43.2	MPa	ASTM D 638
Flexural Modulus	2011	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/4 in	294	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	85	°C	ASTM D 648

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	sheet	-	-
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	190 - 240	°C	-

Characteristics**Processing**

Sheet Extrusion

Certifications

RoHS compliant

Applications

Automotive, Sports Equipment

Regional Availability

Europe, Asia Pacific