

**Polimaxx GA300**

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	47	MPa	ASTM D 638
Flexural Modulus	2256	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/4 in	216	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	94	°C	ASTM D 648
DTUL @ 264 psi	86	°C	ASTM D 648

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	2 - 5	h	-
Melt temperature	180 - 240	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

High Gloss

**Certifications**

RoHS compliant

**Applications**

Packaging, Toys

**Regional Availability**

Europe, Asia Pacific