

Polimaxx GA800

ABS

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	52	MPa	ASTM D 638
Flexural Modulus	2354	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/4 in	265	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	87	°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

High impact or impact modified

Features

High Gloss

Certifications

Food contact, US Pharmacopeia Class VI Approved, RoHS compliant

Applications

Electrical and Electronical, General Purpose, Toys

Regional Availability

Europe, Asia Pacific