

Polimaxx HI630

(PS-HI)

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6.5	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Flexural Modulus	2354	MPa	ASTM D 790
Rockwell Hardness	L 68	-	ASTM D 785
Izod Impact notched, 1/4 in	88.3	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	90	°C	ASTM D 648
Vicat Temperature	95	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	98	-	ASTM D 2457
Processing Recommendation Injection Molding			
Melt temperature	180 - 240	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Special Characteristics

High impact or impact modified

Applications

Electrical and Electronical, Toys

Features

High Gloss

Regional Availability

Europe, Asia Pacific