

Polimaxx HI650

PS

IRPC

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 8 | g/10min | ASTM D 1238 |
| Temperature | 200 | °C | - |
| Load | 5 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 22.8 | MPa | ASTM D 638 |
| Flexural Modulus | 2276 | MPa | ASTM D 790 |
| Rockwell Hardness | L 79 | - | ASTM D 785 |
| Izod Impact notched, 1/4 in | 108 | 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 | 90 | °C | ASTM D 648 |
| Vicat Temperature | 96 | °C | ASTM D 1525 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 180 - 240 | °C | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Certifications

Food contact, RoHS compliant

Applications

Electrical and Electronical, Toys

Regional Availability

Europe, Asia Pacific