

Polimaxx 1140H

PP

IRPC

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 2.3 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 38 | MPa | ASTM D 638 |
| Elongation at Yield | 25 | % | ASTM D 638 |
| Rockwell Hardness | R 105 | - | ASTM D 785 |

Other Standards^[5]

| | | | |
|---------------------------------------|-----|-------------------|-----------|
| Charpy notched impact strength, +23°C | 5.8 | kJ/m ² | DIN 53453 |
|---------------------------------------|-----|-------------------|-----------|

S: These properties are reported by the producer according standards that are different to our defaults.

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 106 | °C | ASTM D 648 |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Type of extrusion | sheet | - | - |
| Melt temperature | 170 - 290 | °C | - |

Characteristics**Processing**

Sheet Extrusion, Thermoforming

Special Characteristics

Transparent

Features

Homopolymer

Certifications

Food contact, RoHS compliant

Applications

Packaging

Regional Availability

Europe, Asia Pacific