

Polimaxx 3342S

PP

IRPC

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 30 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 30 | MPa | ASTM D 638 |
| Elongation at Yield | 38 | % | ASTM D 638 |
| Rockwell Hardness | R 94 | - | ASTM D 785 |

| Other Standards ^[5] | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| Charpy notched impact strength, +23°C | 4.5 | 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 | 83 | °C | ASTM D 648 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 180 - 230 | °C | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Applications

Packaging

Regional Availability

Europe, Asia Pacific