

Moplen EP348U

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 70 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 1200 | MPa | ISO 527 |
| Yield stress | 24 | MPa | ISO 527 |
| Yield strain | 4 | % | ISO 527 |
| Strain at break | 30 | % | ISO 527 |
| Charpy notched impact strength, +23°C | 5.5 | kJ/m ² | ISO 179/1eA |
| Ball indentation hardness | 50 | MPa | ISO 2039-1 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 92 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 150 | °C | ISO 306 |
| Vicat softening temperature, B | 65 | °C | ISO 306 |
| Optical properties | | | |
| ASTM Data | | | |
| Gloss | 65 | - | ASTM D 2457 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified, Opaque

Features

Nucleated, Copolymer, Impact Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe, Near East/Africa