

Moplen EP5078

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 0.5 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 32 | MPa | ASTM D 638 |
| Elongation at Yield | 11 | % | ASTM D 638 |
| Flexural Modulus | 1400 | MPa | ASTM D 790 |
| Rockwell Hardness | R 98 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | N | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| DTUL @ 66 psi | 107 | °C | ASTM D 648 |
| Vicat Temperature | 147 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Sheet Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat, Opaque

Features

High Gloss, Low Gel, Low Odor, Copolymer, Impact Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa