

Moplen EP5079

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP5079 is a fractional melt flow heterophasic copolymer with very low gel and low odor, good stiffness impact balance, and good heat resistance. Typical customer applications are multilayer packaging, high heat resistance thermoforming tray, blow molding for cosmetic and detergent bottles, extrusion sheets with high gloss.

| General Information | | |
|--|--|-------------------|
| Features | Low speed solidification crystal point | |
| | Rigid, good | |
| | Highlight | |
| | Impact resistance, good | |
| | Low liquidity | |
| | Heat resistance, high | |
| | The smell is low to none | |
| Uses | Packaging | |
| | Sheet | |
| | Bottle | |
| | Thermoformed container | |
| | Container | |
| | Food container | |
| Processing Method | Blow molding | |
| | Extrusion blow molding | |
| | Sheet extrusion molding | |
| | Thermoforming | |
| Physical | Nominal Value | Unit |
| Density | 0.900 | g/cm ³ |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 0.50 | g/10 min |
| Mechanical | Nominal Value | Unit |
| Flexural Modulus | 1400 | MPa |
| Impact | Nominal Value | Unit |
| Notched Izod Impact (23°C) | No Break | |
| Thermal | Nominal Value | Unit |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 120 | °C |

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