

Moplen HE425H

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 1.8 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Yield stress | 30 | MPa | ISO 527 |
| Flexural modulus, 23°C | 1400 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 8.5 | kJ/m ² | ISO 180/1A |
| Shore D hardness | 69 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 83 | °C | ISO 75-1/-2 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 900 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Thermoforming

Applications

Packaging

Special Characteristics

High impact or impact modified

Regional Availability

Asia Pacific

Features

Homopolymer