

**Moplen HF500H**

PP

LyondellBasell Industries

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Melt flow index, MFI                       | <b>1.2</b>   | g/10min     | ISO 1133             |
| Temperature                                | <b>230</b>   | °C          | -                    |
| Load                                       | <b>2.16</b>  | kg          | -                    |

| <b>Mechanical properties</b>        | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------------------|--------------|-------------------|----------------------|
| <b>ISO Data</b>                     |              |                   |                      |
| Flexural modulus, 23°C              | <b>1300</b>  | MPa               | ISO 178              |
| Izod notched impact strength, +23°C | <b>4</b>     | kJ/m <sup>2</sup> | ISO 180/1A           |

| <b>Thermal properties</b>      | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>                |              |             |                      |
| Vicat softening temperature, A | <b>152</b>   | °C          | ISO 306              |

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

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Regional Availability**

Europe, Near East/Africa

**Features**

Homopolymer