Technical Data Sheet

*Moplen* HP461Y

Polypropylene, Homopolymer

**Product Description**

*Moplen* HP461Y is a new generation polypropylene homopolymer, supplied in pellet form. Its main application is in melt blown non-wovens, with very narrow molecular weight distribution, typical end use products including diapers, sanitary napkins, oil absorbent mats, wipes, masks, air filtration media, and wet tissues.

**Regulatory Status**

For regulatory compliance information, see *Moplen* HP461Y Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

**Status**

Commercial: Active

**Availability**

Africa-Middle East; Asia-Pacific; Australia and New Zealand

**Application**

Absorption & Filtration; Hygiene Nonwoven; Wipes/Tissues

**Market**

Textile

**Processing Method**

Melt Blown

**Attribute**

High Flow; Homopolymer

### Typical Properties

<table>
<thead>
<tr>
<th>Physical</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Rate, (230 °C/2.16 kg)</td>
<td>1300</td>
<td>g/10 min</td>
<td>ASTM D1238</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
<td>ASTM D1505</td>
</tr>
</tbody>
</table>

**Notes**

These are typical property values not to be construed as specification limits.

**Company Information**

For further information regarding the LyondellBasell company, please visit [http://www.lyb.com/](http://www.lyb.com/).

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