

## 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 \(SDS\)](#).

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                          |
| <b>Availability</b>      | Africa-Middle East; Asia-Pacific; Australia and New Zealand |
| <b>Application</b>       | Absorption & Filtration; Hygiene Nonwoven; Wipes/Tissues    |
| <b>Market</b>            | Textile                                                     |
| <b>Processing Method</b> | Melt Blown                                                  |
| <b>Attribute</b>         | High Flow; Homopolymer                                      |

| Typical Properties               | Nominal Value | Units             | Test Method |
|----------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                  |               |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg) | 1300          | g/10 min          | ASTM D1238  |
| Density                          | 0.90          | g/cm <sup>3</sup> | ASTM D1505  |

**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/>.

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Users should review the applicable Safety Data Sheet before handling the product.

This product(s) may not be used in the manufacture of any of the following, without prior written approval by Seller for each specific product and application:

- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

The product(s) may not be used in:

- (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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