

## Technical Data Sheet

### *Moplen* HP461X



Polypropylene, Homopolymer

#### Product Description

*Moplen* HP461X 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.

|                          |   |
|--------------------------|---|
| <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) | 1100          | 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.