

### Technical Data Sheet



### Moplen HF600N

Polypropylene, Homopolymer

#### Product Description

Moplen HF600N is a non pelletized polypropylene homopolymer powder, with improved properties for color dispersion, productivity in reduced cycle time, and energy saving. Typical customer applications are components of compounds and masterbatches, injection molded containers and general houseware.

#### Regulatory Status

For regulatory compliance information, see [Moplen HF600N Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

|                   |                                        |
|-------------------|----------------------------------------|
| Status            | Commercial: Active                     |
| Application       | Containers; Housewares                 |
| Market            | Compounding                            |
| Processing Method | Compounding                            |
| Attribute         | Good Flow; Good Stiffness; Homopolymer |

| Typical Properties                              | Nominal Value | Units    | Test Method |
|-------------------------------------------------|---------------|----------|-------------|
| <b>Physical</b>                                 |               |          |             |
| Melt Flow Rate, (230 °C/2.16 kg)                | 12.5          | g/10 min | ASTM D1238  |
| Density                                         | 0.90          | g/cm³    | ASTM D792   |
| <b>Mechanical</b>                               |               |          |             |
| Flexural Modulus                                | 1600          | MPa      | ASTM D790   |
| Tensile Strength at Yield                       | 35            | MPa      | ASTM D638   |
| Tensile Elongation at Yield                     | 12            | %        | ASTM D638   |
| <b>Impact</b>                                   |               |          |             |
| Notched Izod Impact Strength, (23 °C)           | 30            | J/m      | ASTM D256   |
| <b>Hardness</b>                                 |               |          |             |
| Rockwell Hardness, (R-Scale)                    | 104           |          | ASTM D785   |
| <b>Thermal</b>                                  |               |          |             |
| Deflection Temperature Under Load, (0.46 N/mm²) | 107           | °C       | ASTM D648   |



### 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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