



## Moplen HF461Y

### Polypropylene, Homopolymer

#### Product Description

Moplen HF461Y is a polypropylene homopolymer. Its main application is in ultra fine denier melt blown non-wovens, with typical end use products including diapers, sanitary napkins, oil absorbent mats, wipes, masks, air filtration media, and wet tissues. Moplen HF461Y has a high melt flow and narrow molecular weight distribution, which promotes thread line continuity, reduces lint, and spins ultra fine denier fibers. Non-woven fabrics produced with these fibers exhibit better overall properties than those made with conventional polypropylene. Moplen HF461Y can also be processed at a reduced temperature vs. conventional polypropylene. This feature, combined with the product's high melt flow and excellent spinnability and drawability, creates a low energy, high speed, high productivity manufacturing process for non-wovens.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Methods</b>	Melt Blown
<b>Features</b>	High Flow , Homopolymer
<b>Typical Customer Applications</b>	Absorption & Filtration, Hygiene Nonwoven, Wipes/Tissues

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	1500	g/10 min
Density	ASTM D 1505	0.9	g/cm <sup>3</sup>

#### Notes

Typical properties; not to be construed as specifications.