



Moplen HF461X

Polypropylene, Homopolymer

Product Description

Moplen HF461X is a polypropylene homopolymer. Its main application is in 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 HF461X has a high melt flow and narrow molecular weight distribution, which promotes thread line continuity, reduces lint, and spins finer denier fibers. Non-woven fabrics produced with these fibers exhibit better overall properties than those made with conventional polypropylene. Moplen HF461X can also be processed at a reduced temperature vs. conventional polypropylene. This feature, combined with the product's excellent spinnability and drawability, creates a low energy, high productivity manufacturing process for non-wovens.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	900	g/10 min
Density	ASTM D 1505	0.9	g/cm ³

Notes

Typical properties; not to be construed as specifications.