

Moplen HF461Y

Polypropylene Homopolymer

LyondellBasell Industries

Message:

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 spinnabiity and drawability, creates a low energy, high speed, high productivity manufacturing process for non-wovens.

General Information			
Features	Fast Molding Cycle		
	Good Drawdown		
	High Flow		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Fibers		
	Filtration Media		
	Meltblown Nonwovens		
	Sanitary Products		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1500	g/10 min	ASTM D1238

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