

Moplen HF600N

Homopolymer



Product Description

Moplen HF600N is the polypropylene homopolymer manufactured by PMC under the license of BASELL using the Spheripol process. *Moplen* HF600N is a homopolymer with improved productivity and lower energy consumption and selected by customers for use in injection molding of houseware articles, containers and general purpose. *Moplen* HF600N is an ADDIFORM homopolymer, ADDIFORM is the new controlled morphology polypropylene and is not palletized. Compared to ordinary palletized polypropylene, ADDIFORM gives considerable advantages in productivity, processing and energy consumption. *Moplen* HF600N resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features Reduce cycle time/Considerable energy saving/Better color dispersion and lower consumption of color masterbatches

Market Automotive/Compounds, Consumer Products

Application Containers/General housewares

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	12.5	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	16000	kg/cm2	ASTM D790
Tensile Strength at Yeild	350	kg/cm2	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	104	R-Scale	ASTM D785
HDT (0.46 N/mm²)	107	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- vi. electronic cigarettes and similar devices; or
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