

# Moplen HP6057

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Moplen HP6057 is a high flow polypropylene for thin wall injection molding, with improved high flowability, improved transparency, gloss and color shade, low mold in stress, good impact strength, and low warpage. Typical customer application are thin wall injection molding (TWIM) of food containers, drinking cups, thin wall cylinders, and other thin complex parts.

General Information		
Features	Low warpage	
	Highlight	
	Impact resistance, good	
	High liquidity	
Uses	Thin wall parts	
	Thin wall container	
	Cup	
	Household goods	
	Container	
	Food container	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Density	0.900	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	75	g/10 min
Mechanical	Nominal Value	Unit
Tensile Strength (Yield)	37.0	MPa
Tensile Elongation (Yield)	9.0	%
Flexural Modulus	1750	MPa
Impact	Nominal Value	Unit
Notched Izod Impact (23°C)	26	J/m
Thermal	Nominal Value	Unit
Heat Deflection Temperature	117	°C

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