

Moplen HP400K

Polypropylene Homopolymer

LyondellBasell Industries

Message:

General Purpose Polypropylene Homopolymer Resin

Features:

- Good processability
- Low odor and taste transfer
- Excellent chemical resistance
- Low yellowness
- Good tensile strength

Applications:

- Slit tape
- Straw
- Monofilaments
- Rope, twine
- Housewares
- Furniture

General Information			
Features	Lower odor transfer		
	Lower taste transfer		
	Homopolymer		
	Workability, good		
	Good strength		
	Good chemical resistance		
Uses	Twine		
	Furniture		
	Household goods		
	Rope		
	Filament		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Annealed)

93.0

°C

ASTM D648

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