

Moplen HP400M

Polypropylene
LyondellBasell Industries

Message:

General Purpose Polypropylene Homopolymer Resin
Features:
Good processability
Low odor and taste transfer
Excellent resistance to environmental stress cracking
Applications:
Housewares
Toys
Containers
Closures

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Lower odor transfer		
	Lower taste transfer		
	Workability, good		
Uses	Household goods		
	Container		
	Shell		
	Toys		
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)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648

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