

Moplen EP400L

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP400L is an Impact Copolymer with good impact / stiffness balance. Typical Applications include Industrial Containers, Pails, Crates, Electrical Appliances, Motorcycle Parts and Toys.

General Information			
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
Uses	Appliances		
	Crates		
	Furniture		
	Industrial Applications		
	Industrial Containers		
	Sporting Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1220	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648

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