

Moplen EP400L

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Polypropylene Impact Copolymer Resin

Features:

Improved impact/stiffness balance

Good dimensional stability

Applications:

Industrial containers

Pails / Crates

Motorcycle parts

Electrical appliances

Toys

General Information			
UL YellowCard	E205299-100245742		
Features	Good dimensional stability		
	Rigid, good		
	Impact copolymer		
	Impact resistance, good		
Uses	Electrical appliances		
	Industrial container		
	Application in Automobile Field		
	Barrel		
	Toys		
	Loading box		
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)	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 D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648

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