

Moplen EP300H

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP300H is a impact copolymer with good impact strength at low temperature. It can be processed by extrusion processes and injection moulding.

General Information	
Features	Impact Copolymer
	Low Temperature Impact Resistance
Uses	Blow Molding Applications
	Corrugated Sheet
	Crates
	Profiles
	Sheet
	Stationary Supplies
Forms	Pellets
Processing Method	Extrusion Blow Molding
	Injection Molding
	Pipe Extrusion
	Sheet Extrusion

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)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		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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