

Moplen EP548S

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

High Flow, High Crystalline Polypropylene Impact Copolymer Resin

Features:

- Superior stiffness
- Good impact resistance
- Excellent antistatic property
- Short cycle time

Applications:

- Thin wall food packaging
- High speed injection
- Electrical appliances
- Containers

General Information			
UL YellowCard	E205299-228166		
Additive	Antistatic property		
Features	Rigid, good		
	Crystallization		
	Impact copolymer		
	Antistatic property		
	Impact resistance, good		
	Fast molding cycle		
	High liquidity		
	Compliance of Food Exposure		
Uses	Thin wall packaging		
	Electrical appliances		
	Container		
	Food packaging		
Processing Method	Injection molding		
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)	44	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	46	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648

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