

Moplen EP546T

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:

High speed injection moulding

Thin wall food packaging

General Information			
Additive	Antistatic property		
Features	Crystallization		
	Equilibrium rigidity/toughness		
	Impact copolymer		
	Antistatic property		
	Fast molding cycle		
	High liquidity		
Uses	Thin wall packaging		
	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)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	3.2	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

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