

Moplen EP548S

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Moplen" EP548S is a nucleated heterophasic copolymer, suitable for injection moulding applications, and contains an anti-static agent. It exhibits an outstanding balance of mechanical properties combined with a medium high fluidity. "Moplen" EP548S is extensively used in housewares and in thin-walled containers

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Impact copolymer		
	Antistatic property		
	High liquidity		
Uses	Thin wall container		
	Household goods		
	Container		
	Sporting goods		
	Toys		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
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, Injection Molded)	28.4	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	3.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	49	J/m	ASTM D256

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