Moplen E120J

Polypropylene Copolymer

PolyMirae

Message:

Moplen E120J is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific for compounding or injection molding.
Important attributes of Moplen E120J are:
Antistatic
Copolymer
Food Contact Acceptable
Good Dimensional Stability
Good Stiffness
Typical applications include:
Additive/Masterbatch
Appliances
Automotive
Caps/Lids/Closures
Consumer Goods

General Information	
Additive	Antistatic
	Nucleating Agent
Features	Antistatic
	Block Copolymer
	Food Contact Acceptable
	Good Dimensional Stability
	Good Impact Resistance
	Good Stiffness
	High Flow
	Low to No Odor
	Low Warpage
	Nucleated
Uses	Appliances
	Automotive Applications
	Compounding
	Food Containers
	Household Goods
	Lids
	Packaging
	Thin-walled Parts
	Toys
Agency Ratings	FDA 21 CFR 177.1520

Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	0.700	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	70	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	24.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, Injection Molded	49	J/m	
23°C, Injection Molded	78	J/m	

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Recommended distributors for this material

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