

Jampilen EP300M

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen EP300M is a heterophasic copolymer for injection molding applications that offers excellent balance of stiffness, impact strength and processability. Typical applications for Jampilen EP300M are thin walled packaging, housewares and automotive parts.Jampilen EP300M is suitable for food contact.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Processability		
	Good Stiffness		
	High Impact Resistance		
Uses	Automotive Applications		
	Caps		
	Closures		
	Crates		
	Household Goods		
	Lawn and Garden Equipment		
	Lids		
	Pails		
	Seats		
	Thin-walled Packaging		
	Wheels		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-20°C	6.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	151	°C	ISO 306/A50

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