



Jampilen EP300M

Heterophasic copolymer

Description:

"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.

Processing Method:

Injection molding

Features:

High impact resistance
 Good stiffness
 Good processability
 Heterophasic copolymer

Typical Applications:

Houasewares
 Automotive parts
 Thin walled packaging
 Pails, crates, caps, closures, lids
 Wheels, garden furniture, chair shells and stadium seats

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	7.0	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	1150	MPa	ISO 178
Tensile Strength at Yield	26	MPa	ISO 527-1, -2
Izod impact strength (Notched)			ISO 180
23°C	8	kJ/m ²	
-20°C	6	kJ/m ²	
Thermal			
Vicat softening point /A50	151	°C	ISO 306
Accelerated oven ageing in air at 150 °C	360	hour	ISO 4577

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