

EP300M

Heterophasic copolymer

Description:

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

Typical Applications

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

Features: High impact resistance, Good stiffness, Good processability

Suitable for: Injection molding

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	7.0	g/10 min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus	1150	MPa	ISO 527-1, -2
Tensile strength at Yield	26	MPa	ISO 527-1, -2
Charpy impact strength (notched)			ISO 179
23 °C	8	kJ/m ²	
-30 °C	6	kJ/m ²	
Vicat softening point A50	151	°C	ISO 306
Accelerated oven ageing in air at 150 °C	360	h	ISO 4577

* Typical values; not to be considered as product specification.