



Moplen EP300M

Polypropylene, Impact Copolymer

Product Description

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

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	High Impact Resistance , Good Stiffness

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	7.0	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	21.5	MPa
Flexural modulus (0.05 in/min, 1% Secant)	ISO 178	1050	MPa
Impact			
Notched izod impact strength	ISO 180		
(- 20 °C)		6	kJ/m ²
(23 °C)		NB	
Thermal			
Vicat softening temperature (A50, 9.81 N °C)	ISO 306	143	°C
Accelerated oven ageing (Forced Circulation, 150 °C)	ISO 4577	360	hr

Notes

Typical properties; not to be construed as specifications.