



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.9	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	7.0	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	21.5	MPa
Flexural modulus (0.05 in/min, 1% Secant)	ISO 178	1050	MPa
<b>Impact</b>			
Notched izod impact strength (- 20 °C)	ISO 180	6	kJ/m <sup>2</sup>
(23 °C)		NB	
<b>Thermal</b>			
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.