



Moplen EP 3307

Polypropylene, Impact Copolymer

Product Description

Moplen EP 3307 is a high crystallinity copolymer polypropylene for injection moulding, designed for interior trim. The grade features an excellent balance of stiffness and impact resistance combined with high fluidity.

The grade is UV stabilized for interior applications and is available in natural, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	High Impact Resistance , High Rigidity
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	15	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	20	MPa
Flexural modulus	ISO 178	1100	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		N.B.	kJ/m ²
(0 °C, Type 1, Notch A)		10	kJ/m ²
(- 20 °C, Type 1, Notch A)		7	kJ/m ²
(- 30 °C, Type 1, Notch A)		6	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	95	°C

Notes

Typical properties; not to be construed as specifications.