

Moplen EP 3307

Polypropylene Copolymer

LyondellBasell Industries

Message:

Moplen EP 3307 is a high crystallinity polypropylene for injection molding, 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.

General Information			
Additive	UV Stabilizer		
Features	Crystalline		
	High Flow		
	High Impact Resistance		
	High Rigidity		
Uses	Automotive Interior Parts		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m ²	
-20°C	7.0	kJ/m ²	
0°C	10	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B

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