

# Moplen EP540V

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP540V is a polypropylene impact copolymer with very high melt flow. It is odorless and has good stiffness-impact balance. Typical applications include compounds for moulding automotive bumpers fascia, interior and exterior parts like door panels, and injection moulding of multimedia packaging like DVD cases. Other potential uses include injection moulding of general housewares and thin wall containers.

General Information			
Features	Food Contact Acceptable		
	High Flow		
	Impact Copolymer		
	Low to No Odor		
	Low Warpage		
Uses	Automotive Bumper		
	Automotive Exterior Parts		
	Automotive Interior Parts		
	Containers		
	Household Goods		
	Media Packaging		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	110	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2.35	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	25	J/m	
23°C	49	J/m	

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