

# Hifax SP 1079/94

Polypropylene Copolymer  
LyondellBasell Industries

Message:

"Hifax" SP 1079/94 is a medium melt flow, unfilled, UV stabilised polypropylene copolymer for injection moulding. It features an excellent balance of stiffness, high ductility and flowability which predestinates it for demanding impact absorbing applications. The product has high UV resistance and good aesthetics. This grade is available in custom colour, pellet form.

General Information			
Additive	UV Stabilizer		
Features	Copolymer		
	Ductile		
	Good Stiffness		
	Medium Flow		
	Non-Toxic		
Uses	Pleasing Surface Appearance		
	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	7.0	kJ/m <sup>2</sup>	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	53.0	°C	ISO 75-2/A
Vicat Softening Temperature	55.0	°C	ISO 306/B50

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