

# Hifax TYC 007P E

Polypropylene  
LyondellBasell Industries

Message:

Hifax TYC 007P E is a mineral filled polypropylene for injection moulding. It exhibits a superior balance of flowability, stiffness and impact. The product has a UV resistance designed for outdoor applications with good processability. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Flow		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	2100	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-3
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	8.0	kJ/m <sup>2</sup>	
23°C	50	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	63.0	°C	ISO 75-2/A

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