

Hifax TYC 900P

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hifax TYC900P is a 15% mineral filled high impact copolymer for injection moulding.

The grade features very high fluidity and low coefficient of dilatation.

Product formula is improved to offer better aesthetic especially regarding tiger stripes defaults.

The product is UV stabilized for outdoor application.

Typical customer applications are unpainted bumpers.

The grade is available in custom colour.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	High Flow		
	Impact Copolymer		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-20°C	6.0	kJ/m ²	
23°C	35	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
NOTE			
1.	2.0 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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