

# Hifax TYC735P

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Hifax TYC735P high melt flow, 1,150 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) has an excellent combination of properties and processability. It was designed for use in multiple molded-in color and selectively decorated automotive exterior applications.

A non-UV-stabilized version, TYC735X, is also available for fully painted applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Durable Good Adhesion Good Dimensional Stability Good Impact Resistance Good Processability Good Stiffness Good UV Resistance Good Weather Resistance High Flow Paintable		
Uses	Automotive Applications Automotive Bumper Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.5	MPa	ISO 527-2
Tensile Strain (Yield)	14	%	ISO 527-2
Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	46	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature 0.45 MPa, Unannealed	86.0	°C	ISO 75-2/B

1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	4.5E-5	cm/cm/°C	ASTM E228, ISO 11359-2

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

## 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

