

Hifax TYC735P

Compounded Polyolefin

Product Description

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.

Product Characteristics				
est Method used ISO				
cessing Methods Injection Moldir		Ig		
Features	Good Adhesion, Good Dimensional Stability, Durable, High Flow , Good Impact Resistance , Paintable, Good Stiffness , Good Weather Resistance			
Typical Customer Applications	Bumpers, Exterior Applications			
Typical Properties		Method	Value	Unit
Physical				
Density		ISO 1183	0.98	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)		ISO 1133	25	g/10 min
Note: Alternative test method is AST	M D 1238-01.			
Mechanical				
Tensile Stress at Yield		ISO 527-1, -2	17.5	MPa
Tensile Strain at Yield		ISO 527-1, -2	14	%
Flexural modulus		ISO 178	1150	MPa
Impact				
Notched izod impact strength (23 °C)		ISO 180	46	kJ/m²
Thermal				
Heat deflection temperature B (0.45 MPa) Unannealed		ISO 75B-1, -2	86	°C
Heat deflection temperature A (1.80 MPa) Unannealed		ISO 75A-1, -2	53	°C
CLTE, Flow		ISO 11359-1, - 2	4.5 x 10-5	cm/cm/°C
<i>Note</i> : Determined over a temperatur ASTM E 228-95.	e range of -30°C	to 100°C. Altern	ative test me	ethod is
Additional Information				
Mold shrinkage		ISO 294-4		
Note: Please contact Basell for shrini	kage recommenda	ations.		



