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# 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**

Test Method used ISO

Processing Methods Injection Molding

**Features** Good Adhesion, Good Dimensional Stability, Durable,

High Flow, Good Impact Resistance, Paintable, Good

Stiffness, Good Weather Resistance

**Typical Customer Applications** Bumpers, Exterior Applications

Method	Value	Unit
ISO 1183	0.98	g/cm³
ISO 1133	25	g/10 min
ISO 527-1, -2	17.5	MPa
ISO 527-1, -2	14	%
ISO 178	1150	MPa
ISO 180	46	kJ/m²
ISO 75B-1, -2	86	°C
ISO 75A-1, -2	53	°C
ISO 11359-1, - 2	4.5 x 10-5	cm/cm/°C
to 100°C. Alterr	native test m	ethod is
	ISO 1183 ISO 1133 ISO 527-1, -2 ISO 527-1, -2 ISO 178 ISO 180 ISO 75B-1, -2 ISO 75A-1, -2 ISO 11359-1, -2	ISO 1183 0.98 ISO 1133 25  ISO 527-1, -2 17.5 ISO 527-1, -2 14 ISO 178 1150  ISO 180 46  ISO 75B-1, -2 86 ISO 75A-1, -2 53 ISO 11359-1, - 4.5 x 10-5

## Additional Information

Mold shrinkage	ISO 294-4