



## Hifax TYC 852X

### Compounded Polyolefin

#### Product Description

Hifax TYC 852X very high melt flow, 2,000 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for automotive bumper fascias.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Impact Resistance , Paintable, Good Processability, High Stiffness
<b>Typical Customer Applications</b>	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate	ASTM D 1238	30	g/10 min
Density	ISO 1183	1.06	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	20	MPa
Flexural modulus	ISO 178	2000	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(-40 °C)		3.5	kJ/m <sup>2</sup>
(23 °C)		35	kJ/m <sup>2</sup>
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		