



## Hifax TYC 1123P RXF Black

### Compounded Polyolefin

#### Product Description

Hifax TYC 1123P RXF Black high melt flow, medium high flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties. It was designed primarily for automotive exterior trim applications.

#### Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	High Impact Resistance , Good Moldability , Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	35	g/10 min
Density (23°C)	ISO 1183	1.01	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18.7	MPa
Flexural modulus (23 °C)	ISO 178	1650	MPa
<b>Impact</b>			
Multiaxial Impact Strength	ASTM D3763		
(-30°C, 2.2 m/s)		23.6	J
(23°C, 2.2 m/s)		19.7	J
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	91	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		