

## Technical Data Sheet

### Hifax TYS 1148PC C1 YGYA BLACK



Polypropylene Compounds

#### Product Description

Hifax TYS 1148PC C1 YGYA BLACK very high melt flow, medium low flexural modulus, thermoplastic elastomeric olefin (TEO) resin is typically used for automotive exterior applications that require thermal stability over a broad temperature range that needs excellent flexibility, and weatherability

<b>Application</b>	Automotive Parts; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flexibility; Good Thermal Stability; Good Weather Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	45	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	310	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	10	MPa	ISO 527-1, -2
<b>Impact</b>			
Multi-axial Impact Strength, (-30 °C, 2.2 m/s, 3.2 mm plaque)	20	J	ASTM D3763
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			