

## Technical Data Sheet

### Hifax TYC 1168P C1 848 Black



Polypropylene Compounds

#### Product Description

Hifax TYC 1168P C1 848 BLACK very high melt flow for easy and fast molding and has low density. Good stiffness, good scratch resistance, and excellent cold temperature impact.

Material is formulated for mold-in color exterior trim and fascia applications.

<b>Application</b>	Automotive Parts; Bumpers; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Flow; Good Impact Resistance; Good Moldability; High Stiffness; Low Shrinkage; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1600	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Notch A)	50	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C, Type 1, Edgewise, Notch A)	5	kJ/m <sup>2</sup>	ISO 179-1/1eA