

## Technical Data Sheet

### Hifax TYC 459P NA 9B9 Black



Polypropylene Compounds

#### Product Description

Hifax TYC 459P NA 9B9 Black is a talc filled polypropylene copolymer resin with low shrinkage, high flowability, good impact/stiffness balance and high UV resistance. This product is available in 9B9 Black color version.

<b>Application</b>	Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good UV Resistance; High Flow; High Stiffness; Low Coefficient of Linear Thermal Expansion; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	27	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	40	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m <sup>2</sup>	ISO 179
(-30 °C)	3.5	kJ/m <sup>2</sup>	ISO 179
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			