

## Technical Data Sheet

### Hifax TYC 1087P B5A Blk Mountain



Polypropylene Compounds

#### Product Description

Hifax TYC 1087P B5A Blk Mountain has a very high melt flow for easy and fast molding that has excellent stiffness and cold temperature impact with very low CLTE. It is typically used for mold in color exterior applications.

<b>Application</b>	Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	17	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	55	kJ/m <sup>2</sup>	ISO 179
(-30 °C)	7	kJ/m <sup>2</sup>	ISO 179
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			