

Technical Data Sheet

Hifax TYC 1087P B6A Rivian Black



Polypropylene Compounds

Product Description

Hifax TYC 1087P B6A Rivian Black has a very high melt flow for easy and fast molding. It has excellent stiffness and cold temperature impact with very low CLTE. It is typically used for mold in color exterior applications.

| | |
|--------------------------|---|
| Application | Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | High Stiffness; Low Temperature Impact Resistance |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 40 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.06 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus, (23 °C) | 1950 | MPa | ISO 178 |
| Tensile Stress at Yield, (23 °C, 50 mm/min) | 18 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 50 | kJ/m ² | ISO 179 |
| (-30 °C) | 6 | kJ/m ² | ISO 179 |
| Additional Information | | | |
| Mold Shrinkage | | | ISO 294-4 |
| Please contact LyondellBasell for shrinkage recommendations. | | | |