

## Technical Data Sheet

### Hifax TYC 852P T 2065 (EBONY)

Polypropylene Compounds



#### Product Description

Hifax TYC 852P T 2065 is a 22% talc filled impact modified polypropylene, with high flowability, high impact resistance and low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in 2065 color version.

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | Bumpers; Exterior Automotive Applications             |
| Market            | Automotive                                            |
| Processing Method | Injection Molding                                     |
| Attribute         | Good UV Resistance; High Flow; High Impact Resistance |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 30            | 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                                          | 2000          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 18            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 35            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                                  | 5             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 105           | °C                | ISO 75B-1, -2 |

