

## Technical Data Sheet

### Hifax TYC 337P 4 S81466

Polypropylene Compounds

#### Product Description

Hifax TYC 337P 4 S81466 is a 15% talc filled PP copolymer, with high melt flow rate and good impact resistance.

This product is also available in other colors, new colors can be developed depending on customer requirements.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

|                   |                   |
|-------------------|-------------------|
| Application       | Bumpers           |
| Market            | Automotive        |
| Processing Method | Injection Molding |
| Attribute         | High Flow         |

| Typical Properties                                    | Nominal Value | Units             | Test Method   |
|-------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                       |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                      | 25            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                      | 1.02          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                     |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                    | 1500          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield                               | 19            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                         |               |                   |               |
| Charpy Impact Strength - Notched                      |               |                   |               |
| (23 °C)                                               | 35            | kJ/m <sup>2</sup> | ISO 179       |
| (-30 °C, Type 1, Edgewise, Notch A)                   | 3             | kJ/m <sup>2</sup> | ISO 179       |
| <b>Thermal</b>                                        |               |                   |               |
| Heat Deflection Temperature B, (0.45 MPa, Unannealed) | 98            | °C                | ISO 75B-1, -2 |