

## Technical Data Sheet

### Hifax TYC 2100P C13098



Polypropylene Compounds

#### Product Description

*Hifax TYC 2100P C13098* is an UV stabilised 30 % mineral filled polypropylene copolymer for injection moulding. It combines an excellent flowability with very good stiffness/ impact properties and scratch resistance. The grade has been specifically designed for moulding of large complex exterior trim parts that requires good dimensional stability..

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

#### Regulatory Status

For regulatory compliance information, see *Hifax TYC 2100P C13098* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

|                   |                                   |
|-------------------|-----------------------------------|
| Status            | Commercial: Active                |
| Availability      | Europe                            |
| Application       | Exterior Automotive Applications  |
| Market            | Automotive                        |
| Processing Method | Injection Molding                 |
| Attribute         | High Flow; High Impact Resistance |

| Typical Properties                                    | Nominal Value | Units             | Test Method   |
|-------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                       |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                      | 20            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                      | 1.15          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                     |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                    | 1750          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield                               | 18            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                         |               |                   |               |
| Notched Izod Impact Strength                          |               |                   |               |
| (23 °C)                                               | 22            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                              | 3             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                        |               |                   |               |
| Heat Deflection Temperature B, (0.45 MPa, Unannealed) | 97            | °C                | ISO 75B-1, -2 |

#### Notes

These are typical property values not to be construed as specification limits.