

## Technical Data Sheet

### Hifax TRC 221X/1 BLACK



Polypropylene Compounds

#### Product Description

Hifax TRC 221X/1 BLACK is a 22% talc filled PP copolymer, with medium melt flow, good impact/stiffness balance and very low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

#### Regulatory Status

For regulatory compliance information, see Hifax TRC 221X/1 BLACK [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       | Bumpers            |
| Market            | Automotive         |
| Processing Method | Injection Molding  |
| Attribute         | Medium Flow        |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 15            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.05          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1500          | MPa               | ISO 178/A1    |
| Flexural Strength, (23 °C, Tech. A)                       | 22            | MPa               | ISO 178/A1    |
| Tensile Stress at Break, (23 °C)                          | 16            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 55            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                                  | 8             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (B50)                        | 45            | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 55            | °C                | ISO 75A-1, -2 |

#### Notes

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