

## Technical Data Sheet

### Hifax TRC 221P C11462



Polypropylene Compounds

#### Product Description

Hifax TRC 221P C11462 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance and very low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in C11462 color version.

|                   |                   |
|-------------------|-------------------|
| 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)                          | 15            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.04          | 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, (23 °C)                          | 16.5          | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 55            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-40 °C)                                                  | 3.5           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 48            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-40 °C)                                                  | 5             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 95            | °C                | ISO 75B-1, -2 |

#### Notes

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

