

## Technical Data Sheet

### Hifax TRC 221P T 2078 (YZ9A)



Polypropylene Compounds

#### Product Description

Hifax TRC 221P T 2078 is a talc filled impact modified polypropylene, 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 2078 color version.

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

|                          |   |
|--------------------------|---|
| <b>Application</b>       | Bumpers; Exterior Automotive Applications         |
| <b>Market</b>            | Automotive  |
| <b>Processing Method</b> | Injection Molding                                 |
| <b>Attribute</b>         | Good Impact Resistance; Good Stiffness; 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, Method A)                                | 1.05          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>   |               |                   |               |
| Flexural Modulus  | 1600          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 16            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>   |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)   | 45            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)  | 6.5           | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>  |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 94            | °C                | ISO 75B-1, -2 |