

## Technical Data Sheet

### Hifax TYC 356P G14008

Polypropylene Compounds



#### Product Description

Hifax TYC 356P G14008 is a talc filled PP copolymer, with high stiffness, good impact resistance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in G14008 color version.

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Application       | Bumpers                                                    |
| Market            | Automotive                                                 |
| Processing Method | Injection Molding                                          |
| Attribute         | Good Impact Resistance; Good UV Resistance; High Stiffness |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 35            | 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)                        | 2050          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 20            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 49            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                                  | 6             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 57            | °C                | ISO 75A-1, -2 |

