Technical Data Sheet

# *Hifax* TYC 007X G52A28

Polypropylene Compounds

## Product Description

*Hifax* TYC 007P E G52A28 is a 22% talc filled PP copolymer, with superior melt flow rate, high rigidity, and excellent processability. Product is available as a customized color matched, pellet form. This grade is delivered in G52A28 color version.

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

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

| | |
|---|---|
| **Application** | Bumpers |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |
| **Attribute** | High Flow |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 35 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.05 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| Flexural Modulus, (23 °C, Tech. A) | 2000 | MPa | ISO 178/A1 |
| Tensile Strength, (23 °C) | 21 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 50 | kJ/m² | ISO 180/1A |
| (-30 °C) | 6 | kJ/m² | ISO 180/1A |
| **Thermal** | | | |
| Deflection Temperature Under Load | | | |
| (0.45 MPa, Unannealed) | 110 | °C | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed) | 55 | °C | ISO 75A-1, -2 |