Technical Data Sheet

# *Hifax* TYC 900P C11301

Polypropylene Compounds

## Product Description

*Hifax* TYC 900P is a 15% talc filled elastomer modified PP, with superior flowability, excellent impact/stiffness balance, good UV resistance and very good surface appearance.
Formula is improved to offer better aspect, especially on tiger stripes.
It has been designed using the latest advancements in resin synthesis and compounding technology.

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.*

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|---|---|
| **Application** | Automotive Parts; Bumpers; Exterior Automotive Applications |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |
| **Attribute** | Ductile; Excellent Processability; Fast Cycle (Production); Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Stiffness; Good Surface Finish; High Flow; Impact Modified; Low Temperature Impact Resistance; Scratch Resistant; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 23 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.01 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1550 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 18 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 35 | kJ/m² | ISO 180/1A |
| (-20 °C) | 6 | kJ/m² | ISO 180/1A |
| **Thermal** | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 95 | °C | ISO 75B-1, -2 |