

Hifax TYC 900P C11370

Polypropylene

LyondellBasell Industries

Message:

Hifax TYC 900P is a 15% talc filled elastomer modified PP, with superior flowability, excellent impact/stiffness balance, very 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 grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

| General Information | | |
|--|-----------------------------------|-------------------|
| Filler / Reinforcement | Talc filler, 15% filler by weight | |
| Features | Rigid, good | |
| | Impact resistance, good | |
| | Good UV resistance | |
| | Good liquidity | |
| | Excellent appearance | |
| Uses | Car anti-collision bar | |
| | Automotive exterior parts | |
| Processing Method | Injection molding | |
| Physical | Nominal Value | Unit |
| Density (23°C) | 1.01 | g/cm ³ |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 23 | g/10 min |
| Mechanical | Nominal Value | Unit |
| Tensile Stress (Yield, 23°C) | 18.0 | MPa |
| Flexural Modulus (23°C) | 1550 | MPa |
| Impact | Nominal Value | Unit |
| Notched Izod Impact | | |
| -20°C | 6.0 | kJ/m ² |
| 23°C | 35 | kJ/m ² |
| Thermal | Nominal Value | Unit |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 95.0 | °C |

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