Technical Data Sheet

# *Hifax* TYC 852P E S62937

Polypropylene Compounds

## Product Description

*Hifax* TYC 852P E S62937 is a 22% talc filled PP copolymer, with high impact resistance and low CLTE (Coefficient of Linear Thermal Expansion). Product is available as a customized color matched, pellet form.

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

## Regulatory Status

For regulatory compliance information, see *Hifax* TYC 852P E S62937 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

| | |
|---|---|
| **Status** | Commercial: Active |
| **Availability** | Europe |
| **Application** | Bumpers |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |
| **Attribute** | Good Impact Resistance; High Flow; High Impact Resistance |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 31 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.06 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| Flexural Modulus, (23 °C, Tech. A) | 2000 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 19 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 45 | kJ/m² | ISO 179-1/1eA |
| (-40 °C) | 3.5 | kJ/m² | ISO 179-1/1eA |
| Notched Izod Impact Strength | | | |
| (23 °C) | 40 | kJ/m² | ISO 180/1A |
| (-40 °C) | 4 | kJ/m² | ISO 180/1A |
| **Thermal** | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 100 | °C | ISO 75B-1, -2 |



Manufacturer website: https://www.lyondellbasell.com/en/

## Notes

These are typical property values not to be construed as specification limits.

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

## Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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