Technical Data Sheet

Hifax TYC 900P S71638

Polypropylene Compounds

Product Description

Hifax TYC 900P is a 15% talc filled PP copolymer, 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.
This product is color-matched in a specific color, other color can be available.

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 900P S71638 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

Status	Under Industrialization
Availability	Europe
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; Low Temperature Impact Resistance; Mold-In-Colour Metallic Effect; 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
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

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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