Technical Data Sheet

Hifax TYC 381P 1646

Polypropylene Compounds

Product Description

Hifax TYC 381P 1646 is an 11% talc filled PP copolymer, with very high melt flow rate, high impact resistance, good stiffness and excellent surface appearance. Product is available as a customized color matched, pellet form. This grade is delivered in 1646 color version.

Regulatory Status

For regulatory compliance information, see *Hifax* TYC 381P 1646 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	Excellent Processability; Ultra 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)	1.15	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1250	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	20	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	16	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m²	ISO 180/1A
(-30 °C)	6	kJ/m²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	49	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	48	°C	ISO 75A-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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