



## Hifax TYC 2052P

### Compounded Polyolefin

#### Product Description

Hifax TYC 2052P is a 22% talc filled PP copolymer, with low CLTE (Coefficient of Linear Thermal Expansion) and excellent impact/stiffness balance. 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.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Low CLTE (Coefficient of Linear Thermal Expansion), impact/stiffness balance.
Typical Customer Applications	Used for outdoor/exterior applications.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	30	g/10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1900	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	4	kJ/m <sup>2</sup>

#### 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.

