

Technical Data Sheet



Hifax TYC 462P C2 C12472

Polypropylene, Impact Copolymer

Product Description

Hifax TYC 462P is a 30% talc reinforced, high flow, impact modified and UV stabilized polypropylene copolymer for injection molding. It combines an excellent flowability with good processability and durability and offers excellent esthetic properties for exterior applications. The grade has been specifically designed for molding large complex parts that require good dimensional stability.

Regulatory Status

For regulatory compliance information, see Hifax TYC 462P C2 C12472 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Availability

Asia-Pacific

Application

Exterior Automotive Applications

Processing Method

Injection Molding

Attribute

Durable; Good Dimensional Stability; Good Impact Resistance; Good Processability; Good Stiffness; High Flow; Pleasing Surface Appearance; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	32	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C)	2000	MPa	ISO 178
Tensile Strength, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-30 °C)	3.5	kJ/m ²	ISO 180/1A



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 affect 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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