

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.

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

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