

Technical Data Sheet

Hifax TYC 2048P C13077



Polypropylene Compounds

Product Description

Hifax TYC 2048P is a 14% talc filled elastomer modified PP, with high melt flow rate, good impact/stiffness balance and excellent scratch resistance. 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 product is also available in other colors, new colors can be developed depending on customer requirements.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1350	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength (23 °C)	35	kJ/m ²	ISO 180/1A
(-30 °C)	4	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	93	°C	ISO 75B-1, -2