

Technical Data Sheet

Hifax TYC 900P C11301

Polypropylene Compounds



Product Description

Hifax TYC 900P is a 15% talc filled elastomer modified PP, with superior flowability, excellent impact/stiffness balance, good UV resistance and very good surface appearance.

Formula is improved to offer better aspect, especially on tiger stripes.

It has been designed using the latest advancements in resin synthesis and compounding technology.

This product is also available in other colors, new colors can be developed depending on customer requirements.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Excellent Processability; Fast Cycle (Production); Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Stiffness; Good Surface Finish; High Flow; Impact Modified; Low Temperature Impact Resistance; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	23	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)	1550	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-20 °C)	6	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2

