

Technical Data Sheet

Hifax X M2 U16 R C11544

Polypropylene Compounds

Product Description

Hifax X M2 U16 R C11544 is a 20% talc filled PP homopolymer compound, with outstanding stiffness, good flowability and very good UV resistance.

This polypropylene compound is produced locally in Russia.

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	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Abrasion Resistance; Good Color Stability; Good Flow; Good Surface Finish; High Stiffness; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2800	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2