

Technical Data Sheet

Hifax M2 U13 C11306

Polypropylene Compounds



Product Description

Hifax M2 U13 C11306 is an 18% talc filled PP homopolymer, with medium flowability, good impact/stiffness balance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C11306 color version.

Application	Automotive Parts; Exterior Trim
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	70	°C	ISO 75A-1, -2

