

Technical Data Sheet

Hifax 0309 NH533

Polypropylene Compounds



Product Description

Hifax 0309 NH533 is an impact modified polypropylene, with high melt flow rate offering a good flexibility, high impact resistance, and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in NH533 color version.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flexibility; Good UV Resistance; High Flow; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	240	MPa	ISO 178
Tensile Stress at Yield	8	MPa	ISO 527-1, -2
Tensile Strain at Break	>400	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	No Break	kJ/m ²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	40		ISO 868

