

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.

Regulatory Status

For regulatory compliance information, see Hifax 0309 NH533 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific
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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
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