

Technical Data Sheet

Hifax 0309 NH-696

Polypropylene Compounds

Product Description

Hifax 0309 NH-696 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 NH-696 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

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|-------------------|---|
| 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 |