

Advanced PP H134

Polypropylene Homopolymer



Product Description

Advanced PP H134 is a homopolymer used for general purpose injection molding applications. It exhibits good flow and stiffness. Advanced PP H134 typical applications are in furniture and houseware.

General

Typical Application

- Furniture
- Housewares
- Rigid Packaging

Product Features

- Good Flow
- Good Stiffness

Regulatory Status

- Compliance with Reach regulation
- Compliance with FDA regulation
- Compliance with European Union Regulation (EU) 10/2011

| Type | Properties | Unit | Value | Test Method |
|------------|--|---------------------|-------|-------------|
| Resin | Density | g / cm ³ | 0.90 | ISO 1183 |
| | Melt Flow Rate (MFR) | g / 10 min | 17 | ISO 1133 |
| Mechanical | Flexural Modulus | MPa | 1400 | ISO 178 |
| | Tensile Stress at Yield | MPa | 35 | ISO 527-2 |
| | Tensile Strain at Yield | % | 11 | ISO 527-2 |
| | Charpy Impact strength notched (+23°C) | KJ / m ² | 3 | ISO 179/1eA |
| Thermal | Vicat Softening Temperature (A/50, 10 N) | °C | 154 | ISO 306 |
| | Heat Deflection Temperature B ₁ (.45 MPa) | °C | 85 | ISO 75-2 |

Note:

- Values presented in this technical data sheet are typical values obtained from product testing and should not be construed as product specifications or analytical certifications. These values are provided for reference only.
- It is recommended to dry the resin before use. Moisture condensation may arise under fluctuating temperatures and high humidity.
- Appropriate storage conditions must be observed. Resin must be protected from direct exposure to sunlight, temperatures above 40°C, and high humidity.