

Advanced PP H140X

Polypropylene Homopolymer

Product Description

Advanced PP H140X is a controlled rheology homopolymer intended for injection molding applications. It is characterized by very good mechanical properties, good dimensional stability and excellent impact/stiffness balance.

Advanced PP H140X is suitable for food contact.

General

Typical Application

- Furniture
- Housewares

Product Features

- High fluidity
- Good stiffness
- Suitable for food contact Injection Molding applications

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	25	ISO 1133
Mechanical	Tensile Modulus	MPa	1350	ISO 527-2
	Tensile Stress at Yield	MPa	32	ISO 527-2
	Tensile Strain at Yield	%	10	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	90	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.