Technical Data Sheet

Advanced PP H151CX

Polypropylene Homopolymer

Product Description

Advanced PP H151CX is a polypropylene homopolymer with controlled rheology formulated with nucleating and antistatic agent for use in Injection Molding. This optimized material composition offers superior flow characteristics and medium stiffness, making it ideal for Thin-Wall articles in dairy and other food packaging.

General

Typical Application

- Thin-Wall Food Containers
- Thin-Wall Non-food Containers
- Housewares

Product Features

- Controlled Rheology
- Superior Melt Flow
- Contains Antistatic

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 / cm³	0.9	ISO 1183
	Melt Flow Rate (MFR 230°C / 2.16 Kg)	g / 10 min	53	ISO 1133
Mechanical	Tensile Modulus (1 mm/min)	MPa	1550	ISO 527-2
	Tensile Stress at Yield (50 mm/min)	MPa	35	ISO 527-2
	Tensile Strain at Yield (50 mm/min)	%	8	ISO 527-2
	Charpy Impact Strength Notched (+23°C)	kJ / m²	2	ISO 179/1eA
Thermal	Vicat Softening Temperature (A/50, 10 N)	°C	154	ISO 306
	Heat Deflection Temperature B, (0.45 MPa)	°C	95	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.

AGMC
Advanced Global Marketing Company

P.O. Box: 11022
Jubail Industrial City 31961
www.advancedpetrochem.com