Technical Data Sheet

Advanced PP H38 / 1102J

Polypropylene Homopolymer

Product Description

Advanced PP H38 is a polypropylene homopolymer suited for extrusion and thermoforming applications. Its low water carryover properties make it ideal for producing various products such as tapes.

General

Typical Application

- Tapes
- Films
- Sheets

Product Features

- Low Water Carryover
- Good Processability
- Suitable for Extrusion and Thermoforming

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)	g / 10 min	2.4	ISO 1133
Mechanical	Tensile Modulus	MPa	1450	ISO 527-2
	Tensile Stress at Yield	MPa	34	ISO 527-2
	Tensile Strain at Yield	%	9	ISO 527-2
	Tensile Strain at Break	%	>50	ISO 527-2
	Charpy Impact strength notched (+23°C)	KJ / m²	5	ISO 179/1eA
	Ball indentation hardness (H 358/30)	MPa	72	ISO 2039-1
Thermal	Melting Point, DSC	°C	163	ISO 3146
	Vicat Softening Temperature (A/50, 10 N)	°C	154	ISO 306
	Heat Deflection Temperature B, (0.45 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.

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