

Technical Data Sheet

PP H38 / 1102J

Polypropylene Homopolymer



Product Description

Advanced-PP H38 (1102J) 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 / cm ³	0.91	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 / m ²	5	ISO 179/1eA
	Ball indentation hardness (H 358/30)	MPa	72	ISO 2039-1
	Melting Point, DSC	°C	163	ISO 3146
Thermal	Vicat Softening Temperature (A/50, 10 N)	°C	154	ISO 306
	Heat Deflection Temperature B, (.45 MPa)	°C	85	ISO 75-2

