

Technical Data Sheet

PP H317 / 1102L

Polypropylene Homopolymer



Product Description

Advanced-PP H317 is a polypropylene homopolymer designed for extrusion applications. It features general extrusion additives with low water carryover characteristics, making it suitable for the production of raffia and thermoforming products.

General

Typical Application

- Raffia Tapes
- Thermoforming Sheets
- Injection Molding

Product Features

- Low Water Carryover
- Excellent Processability
- High Mechanical Strength

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	5.0	ISO 1133
Mechanical	Tensile Modulus	MPa	1500	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
	Izod Notched (23°C)	KJ / m ²	3.5	ISO 180/1A
	Charpy Impact strength notched (+23°C)	KJ / m ²	3.5	ISO 179/1eA
	Ball indentation hardness (H 358/30)	MPa	74	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, (.45 MPa)	°C	85	ISO 75-2

