Technical Data Sheet

Advanced PP 1102M / H421

Polypropylene Homopolymer

Product Description

Advanced PP H421 is a polypropylene homopolymer specifically formulated for cast film and dubble bubble BOPP film applications. The grade does is without the incorporation of slip or anti-blocking additives. This will promoting enhanced printability and adhesion for downstream fabrication.

General

Typical Application

- Statioinary
- Packaging film for food
- Drinking Straws

Product Features

- Superior Flowability
- Excellent tensile strength
- Outstanding optical clarity

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	8	ISO 1133
Mechanical	Tensile Modulus	MPa	1500	ISO 527-2
	Tensile Stress at Yield	MPa	35	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	3.5	ISO 179/1eA
	Ball indentation hardness (H 358/30)	MPa	77	ISO 2039-1
Thermal	Vicat Softening Temperature (A/50, 10 N)	°C	154	ISO 306
	Heat Deflection Temperature B, (.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.

AGMC
Advanced Global Marketing Company

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