

Technical Data Sheet

PP H129 / 1100N

Polypropylene Homopolymer



Product Description

Advanced PP H129 is formulated as a medium flow polypropylene homopolymer specifically designed for efficient processing in general purpose injection molding applications. This resin exhibits a well-balanced melt flow rate, enabling the production of complex geometries. The combinations of properties make Advanced PP H129 a versatile choice for a wide range of applications, including closures, furniture components and housewares.

General

Typical Application

- Caps and closures
- Furniture
- Housewares

Product Features

- Controlled Flowability
- Optimized Molecular Weight Distribution
- Advanced Phenol-Free Stabilization Package

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	0.9	ISO 1183
	Melt Flow Rate (MFR)	g / 10 min	12	ISO 1133
Mechanical	Tensile Modulus	MPa	1550	ISO 527-2
	Tensile Stress at Yield	MPa	35	ISO 527-2
	Tensile Strain at Yield	%	8	ISO 527-2
	Tensile Strain at Break	%	>50	ISO 527-2
	Izod Notched (23°C)	KJ / m ²	3	ISO 180/1A
	Charpy Impact strength notched (+23°C)	KJ / m ²	3	ISO 179/1eA
	Ball indentation hardness (H 358/30)	MPa	78	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

