Technical Data Sheet

Advanced PP H129 / 1100N

Polypropylene Homopolymer

المتقدمة
Advanced

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 / cm³	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 / m²	3	ISO 180/1A
	Charpy Impact strength notched (+23°C)	KJ / m²	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

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.

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