

Technical Data Sheet

PP H118 / 1100L

Polypropylene Homopolymer



Product Description

Advanced-PP H118 is a polypropylene homopolymer designed for general injection molding applications. It offers a medium flow rate with a balance of stiffness and impact resistance, making it suitable for a variety of products.

General

Typical Application

- Housewares
- Furniture
- Closures

Product Features

- Medium Flow Rate
- Good Stiffness/Impact Balance
- Suitable for Injection Molding

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	6	ISO 1133
Mechanical	Tensile Modulus	MPa	1500	ISO 527-2
	Tensile Stress at Yield	MPa	34	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
	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

