

Adfree PP H239

Polypropylene Homopolymer



Product Description

Adfree PP H239 is a phthalate free polypropylene homopolymer suitable for extrusion applications. This grade is formulated with an anti-gas fading stabilization package.

Advanced PP H239 is used for the production of continuous filaments and fine denier staple fibers. It is suitable for carpets face yarn and nonwoven staple fibers.

General

Typical Application

- Carpets Face Yarn
- Nonwoven Fabrics
- BCF/CF/Staple Fiber

Product Features

- High Flow
- Gas Fading Resistance
- Good Processability

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 230°C / 2.16 Kg)	g / 10 min	25	ISO 1133
Mechanical	Flexural Modulus	MPa	1400	ISO 178
	Tensile Stress at Yield (50 mm/min)	MPa	34	ISO 527-2
	Tensile Strain at Yield (50 mm/min)	%	9	ISO 527-2
	Izod Notched (23°C)	J / m	2.5	ISO 180/1A
Thermal	Vicat Softening Temperature (A/50, 10 N)	°C	154	ISO 306
	Heat Deflection Temperature B, (0.45 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.
- It is recommended to dry the resin before use. Moisture condensation may arise under fluctuating temperatures and high humidity.
- Appropriate storage conditions must be observed. Resin must be protected from direct exposure to sunlight, temperatures above 40°C, and high humidity.