

Adfree PP H215G

Polypropylene Homopolymer



Product Description

Adfree PP H215G is a phthalate free polypropylene homopolymer formulated with an excellent anti-gas-fading stabilization package. It is used in the production of staple fibers. Typical application is geotextile.

General

Typical Application

- Continuous Filament
- High Tenacity Staple Fibers
- Geo-textile

Product Features

- Excellent Anti Gas Fading Resistance
- High Tenacity
- High Elongation

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	4.3	ISO 1133
Mechanical	Flexural Modulus	MPa	1400	ISO 178
	Tensile Modulus (1 mm/min)	MPa	1500	ISO 527-2
	Tensile Stress at Yield (50 mm/min)	MPa	34	ISO 527-2
	Tensile Strain at Yield (50 mm/min)	%	11	ISO 527-2
	Tensile Strain at Break (50 mm/min)	%	23	ISO 527-2
	Charpy Impact Strength Notched (+23°C)	kJ / m ²	8	ISO 179/1eA
Thermal	Vicat Softening Temperature (A/50, 10 N)	°C	153	ISO 306
	Heat Deflection Temperature B, (0.45 MPa)	°C	90	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.