

Gryfilen®

POLYPROPYLENE

H09-F

HOMOPOPOLYMER

DESCRIPTION

Gryfilen® H09-F is a polypropylene homopolymer, does not contain slip and antiblock additives, recommended for un-oriented cast polypropylene films (CPP).

Gryfilen® H09-F is recommended for applications such as food packaging and lamination.

Films made with Gryfilen® H09-F are characterized by very high transparency and high gloss.

APPLICATION

Flexible Packaging; Food Packaging Film; Stationery Film; Textile Packaging Film.

This grade is not intended for medical and pharmaceutical applications.

PROCESSING TECHNOLOGY

Un-oriented cast polypropylene films (CPP).

	Value	Unit	Method
PHYSICAL PROPERTIES			
Melt Flow Rate, (230°C/2.16 kg)	9	g/10 min	ISO 1133-1
Density, (23°C)	0.9	g/cm ³	ISO 1183-1
MECHANICAL PROPERTIES			
Flexural Modulus	1540	MPa	ISO 178
Tensile Strength at Yield	36	MPa	ISO 527-1, -2
Tensile Elongation at Yield	8	%	ISO 527-1, -2
Charpy Impact Strength, (notched; 23 °C)	3.2	kJ/m ²	ISO 179
THERMAL PROPERTIES			
Heat Deflection Temperature B, (0.45 MPa, unannealed)	104	°C	ISO 75-1/75-2

NOTES

The values have to be considered as to be indicative and do not represent specification values. The use in the indicated applications and processing technologies have to be verified by the converter (fit for purpose).

DISCLAIMER

Before using any product of Grupa Azoty Polyolefins S.A., its user shall independently and at its own risk assess whether the product is suitable for the intended use and ensure whether the product may be used safely and in accordance with applicable law.

The user of the product shall read the relevant Material Safety Data Sheet before using the product.

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