

Gryfilen[®]

POLYPROPYLENE

R08-F

RANDOM COPOLYMER

DESCRIPTION

Gryfilen[®] R08-F is a polypropylene random copolymer with medium ethylene content, without slip and antiblock agent, designed for production of un-oriented cast polypropylene films (CPP).

Gryfilen[®] R08-F is characterized a good processability, high transparency and gloss, softness, good heat weldability and very good organoleptic performance.

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)	8	g/10 min	ISO 1133-1
Density, (23°C)	0.9	g/cm ³	ISO 1183-1
MECHANICAL PROPERTIES			
Flexural Modulus	760	MPa	ISO 178
Tensile Strength at Yield	25	MPa	ISO 527-1, -2
Tensile Elongation at Yield	9	%	ISO 527-1, -2
Charpy Impact Strength, (notched; 23 °C)	7	kJ/m ²	ISO 179
THERMAL PROPERTIES			
Heat Deflection Temperature B, (0.45 MPa, unannealed)	81	°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 has to be verified by the converter (fit for purpose).

DISCLAIMER

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

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