

# Gryfilen<sup>®</sup>

POLYPROPYLENE

# C07-NSL

IMPACT COPOLYMER

## DESCRIPTION

Gryfilen<sup>®</sup> C07-NSL is nucleated polypropylene impact copolymer designed for the injection molding and compression molding process.

Gryfilen<sup>®</sup> C07-NSL is characterized by a very good impact/stiffness balance and is formulated with a low coefficient of friction additive package specifically designed for caps & closures applications.

## APPLICATION

Caps & Closures; Housewares; Sports; Leisure & Toys.

**This grade is not intended for medical and pharmaceutical applications.**

## PROCESSING TECHNOLOGY

Compression Molding; Injection Molding.

	Value	Unit	Method
<b>PHYSICAL PROPERTIES</b>			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ISO 1133-1
Density, (23 °C)	0.9	g/cm <sup>3</sup>	ISO 1183-1
<b>MECHANICAL PROPERTIES</b>			
Flexural Modulus	1510	MPa	ISO 178
Tensile Strength at Yield	29	MPa	ISO 527-1, -2
Tensile Elongation at Yield	6	%	ISO 527-1, -2
Charpy Impact Strength, (notched; 23 °C)	9	kJ/m <sup>2</sup>	ISO 179

## 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).

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