

# Gryfilen<sup>®</sup>

POLYPROPYLENE

# C04-G

IMPACT COPOLYMER

## DESCRIPTION

Gryfilen<sup>®</sup> C04-G is a polypropylene impact copolymer designed for the injection molding process. This grade is offering high impact resistance and an excellent impact/stiffness balance.

Gryfilen<sup>®</sup> C04-G is recommended for a wide range of applications including houseware items, crates and pails.

## APPLICATION

Housewares; Sports; Leisure & Toys Items; Crates and Pails.

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

## PROCESSING TECHNOLOGY

Injection Molding.

	Value	Unit	Method
<b>PHYSICAL PROPERTIES</b>			
Melt Flow Rate, (230°C/2.16 kg)	4	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	1415	MPa	ISO 178
Tensile Strength at Yield	28	MPa	ISO 527-1, -2
Tensile Elongation at Yield	6.5	%	ISO 527-1, -2
Charpy Impact Strength, (notched; 23 °C)	13	kJ/m <sup>2</sup>	ISO 179
<b>THERMAL PROPERTIES</b>			
Heat Deflection Temperature B, (0.45 MPa, unannealed)	96	°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).

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## CONTACT

Grupa Azoty Polyolefins S.A.  
Kuźnicka 1, 72-010 Police, Poland  
e-mail: [technical.polyolefins@grupaazoty.com](mailto:technical.polyolefins@grupaazoty.com)