



## **C 30 G**

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C 30 G is a polypropylene homopolymer for injection moulding. The main applications of C 30 G offers housewares, small containers, crates, garden furniture, stadium seats, toys, caps and closures.

Other major applications are components for appliances and parts for the automotive industry.



PROPERTIES	METHOD (b)	UNIT	TYPICAL VALUE (a)
<b>Physical properties</b>			
Melt flow rate (230 °C, 2.16 kg)	ISO 1133	dg / min	6
Density	ISO 1183	g/cm <sup>3</sup>	0.9
<b>Mechanical properties</b>			
Flexural modulus	ISO 178	N/mm <sup>2</sup>	1500
Tensile strength yield	ISO R 527	N/mm <sup>2</sup>	34
Elongation at yield	ISO R 527	%	13
Izod impact strength (notched) at 23 °C	ISO 180	kJ/m <sup>2</sup>	4
Hardness Shore D	ISO 868	points	71
<b>Thermal properties</b>			
Vicat softening point (9.8 N)	ISO 306/A	°C	155
H.D.T. (0.46 Mpa)	ISO 75/B	°C	112
Accelerated oven ageing in air (forced circulation) at 150 °C	ISO 4577	hour	360

● C 30 G is suitable for food contact.

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a) Values shown are averages and are not to be considered as product specification These values may shift slightly as additional data are accumulated.

b) ISO test methods are the latest under the society's current procedures.

All specimens are prepared by injection moulding