



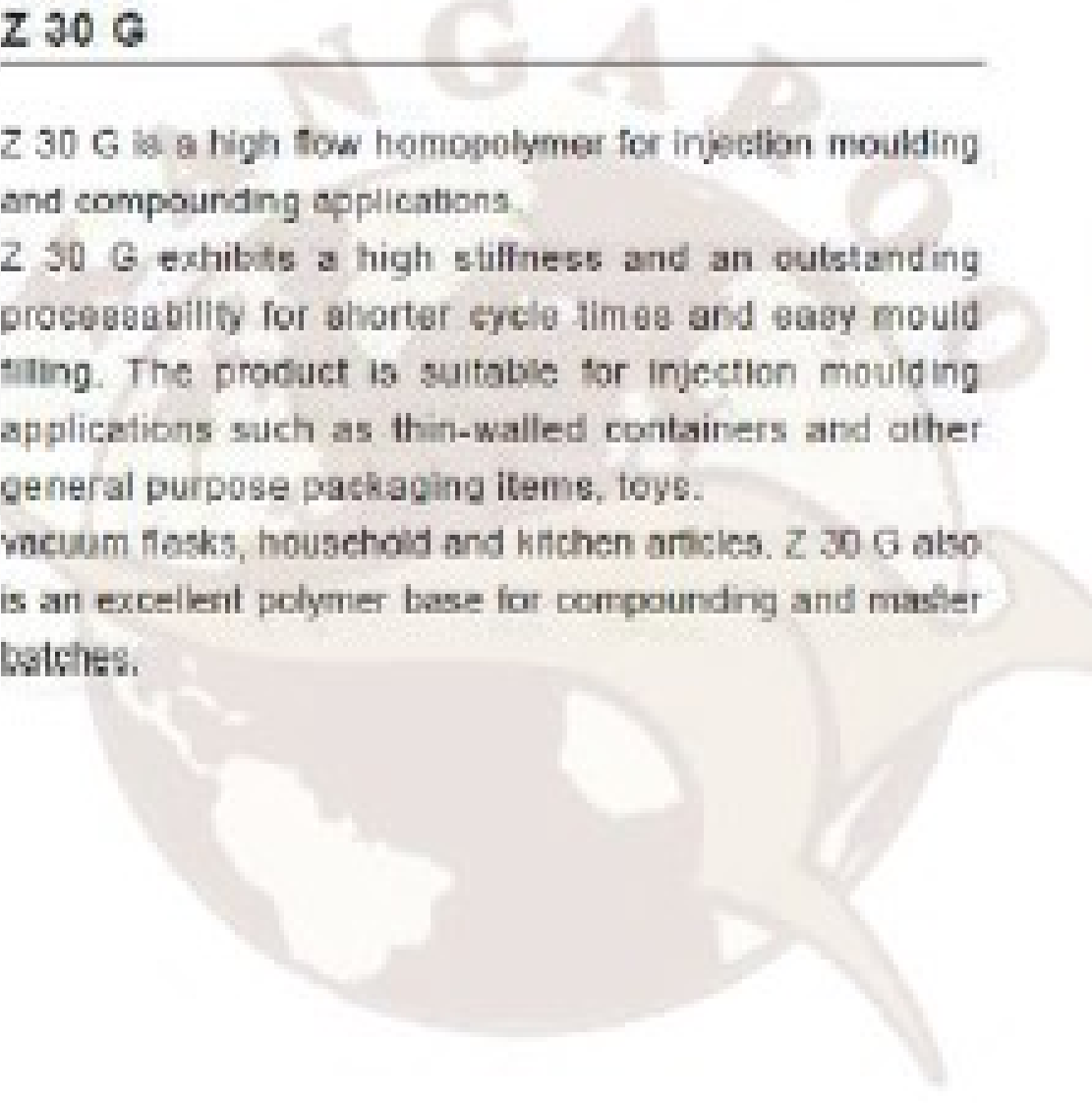
## Z 30 G

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Z 30 G is a high flow homopolymer for injection moulding and compounding applications.

Z 30 G exhibits a high stiffness and an outstanding processability for shorter cycle times and easy mould filling. The product is suitable for injection moulding applications such as thin-walled containers and other general purpose packaging items, toys,

vacuum flasks, household and kitchen articles. Z 30 G also is an excellent polymer base for compounding and master batches.



**PROPERTIES (see notes contrary)**

	METHOD (a)	UNIT	
Melt Flow Rate (230 °C 2.10 kg)	(1)	ASTM D 1238L	Dg/min 25
Density	(2)	ASTM D 1505	g/cm <sup>3</sup> 0.9
Flexural modulus	(3)	ASTM D 790	N/mm <sup>2</sup> 1800
Tensile strength at yield	(3)	ASTM D 638	N/mm <sup>2</sup> 52
Elongation at yield	(3)	ASTM D 638	% 13
1200 Impact Strength (notched) at 23°C	(3)	ASTM D 256	J/m 30
Rockwell Hardness	(3)	ASTM D 785	R scale 100
Visc softening point (10N)	(3)	ASTM D 1525	°C 152
HDT (0.45 N/mm <sup>2</sup> )	(3)	ASTM D 648	°C 94
Accelerated oven ageing air forced circulation at 150°C		ASTM D 3012	hours 300

1) Measured at 230°C under a load of 2.100 kg, with a standard nozzle having a diameter of 2.025 mm.

2) Average nominal value referred to a tensile injection moulded specimen, type I (ASTM D 638).

3) Typical mechanical property values measured on standard specimens, injection moulded under conditions designed to minimise orientation and internal stresses and in line with the conditions generally used by industrial converters. Specimens are conditioned at room temperature (ASTM D611) - Procedure A).

4) The composition of the product complies with FDA norms and the regulations in force in major European countries concerning polypropylene resins for use in food contact applications. Further details can be supplied on request.