



## V 30 G

V 30 G is a polypropylene homopolymer with good flow properties for injection moulding and compounding applications.

V 30 G offers a medium-high fluidity, easy mould filling and short cycle times. The final items moulded with V 30 G exhibit good dimensional stability and high stiffness.

The product is well suited for the production of thin-walled articles and articles with long flow paths such as containers, boxes, caps, closures, household articles and toys.

V 30 G is also an excellent polymer base for compounding and master batches.

Alfa Polymer Kimia





PROPERTIES	METHOD (b)	UNIT	TYPICAL VALUE (a)
<b>Physical properties</b>			
Melt flow rate (230°C, 2.16 kg)	ISO 1133	Dg / min	16
Density	ISO 1183	g/cm <sup>3</sup>	0.9
<b>Mechanical properties</b>			
Flexural modulus	ISO 178	N/mm <sup>2</sup>	1550
Tensile strength yield	ISO R 527	N/mm <sup>2</sup>	35
Elongation at yield	ISO R 527	%	13
IZOD impact strength (notched) at 23°C	ISO 180	kJ/m <sup>2</sup>	3
Hardness Shore D	ISO 868	Points	72
<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	117
Accelerated oven-ageing in air (forced circulation) at 150°C	ISO 4577	hours	360

● V 30 G is suitable for food contact.

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.