



## Technical Datasheet: V30G

### Product Description:

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.

### Applications:

Boxes, caps, closures, household articles and toys.

### Typical data:

Property	Test method	Unit	value
Melt Flow Rate (230 °C, 2.16kg)	ISO 1133	dg/min	16
Density	ISO 1183	g/cm <sup>3</sup>	0.9
Flexural Modulus	ISO 178	N/mm <sup>2</sup>	1550
Tensile Strength at 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
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 at 150 °C	ISO 4577	hours	360