



## Technical Datasheet: T30G

### Product Description:

T30G is a polypropylene homopolymer for injection moulding applications. T 30 G combines high stiffness and fairly good impact strength with good processability.

### Applications:

The grade is suitable for a wide range of applications such as housewares, caps, closures, small containers, and toys, parts for small appliances and components for the automotive industry.

### Typical data:

Property	Test method	Unit	value
Melt flow rata(230°C/2.16 kg)	ISO 1133	dg/min	3.2
Density	ISO 1183	g/cm <sup>3</sup>	0.9
Flexural Modulus	ISO 178	N/mm <sup>2</sup>	1450
Tensile Strength at 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>	5
Hardness shore D	ISO 868	Points	71
Vicat softening point (9.8N)	ISO 306/A	°C	155
H.D.T (0.46 Mpa)	ISO 75/B	°C	110
Accelerated oven ageing in air (forced circulation) at 150 °C	ISO 4577	Hours	360