



T 30 G

T 30 G is a polypropylene homopolymer for injection moulding applications.

T 30 G combines high stiffness and fairly good impact strength with good processability. The grade is suitable for a wide range of applications such as housewares, caps, closures, small containers, toys, parts for small appliances and components for the automotive industry.



| PROPERTIES | METHOD (b) | UNIT | TYPICAL VALUE (a) |
|---|------------|-------------------|-------------------|
| Physical properties | | | |
| Melt flow rate (230 °C, 2.16 kg) | ISO 1133 | Dg / min | 3.2 |
| Density | ISO 1183 | g/cm ³ | 0.9 |
| Mechanical properties | | | |
| Flexural modulus | ISO 178 | N/mm ² | 1450 |
| Tensile strength yield | ISO R 527 | N/mm ² | 34 |
| Elongation at yield | ISO R 527 | % | 13 |
| IZOD impact strength (notched) at 23 °C | ISO 180 | kJ/m ² | 5 |
| Hardness Shore D | ISO 868 | Points | 71 |
| Thermal properties | | | |
| Vicat softening point (9.8 N) | 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 |

● T 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.