کـوثرشیـمی
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## 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.

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| 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/cm³ | 0.9 |
| **Mechanical properties** | | | |
| Flexural modulus | ISO 178 | N/mm² | 1450 |
| Tensile strength yield | ISO R 527 | N/mm² | 34 |
| Elongation at yield | ISO R 527 | % | 13 |
| IZOD impact strenghh (notched) at 23°C | ISO 180 | kJ/m² | 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 accumlsted.

b) ISO test methods are the lates under the societys current procedures.

All specimens are prepared by injection moulding.

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