



NAME: Z30G

Product Description:

Moplen Z 30 G is a high flow homo-polymer for injection molding and compounding Applications. Moplen Z 30 G exhibits a high stiffness and an outstanding process ability for shorter Cycle times and easy mold filling.

Typical data: (Table)

PROPERTIES	METHOD	UNIT	VALUE
Melt Flow Rate (230 °C., 2.16 kg)	ASTM D 1238L	dg/min	25
Density	ASTM D 1505	g/cm ³	0.9
Flexural Modulus	ASTM D 790	N/mm ²	1500
Tensile Strength at yield	ASTM D 638	N/mm ²	32
Elongation at yield	ASTM D 638	%	13
Izod Impact Strength (notched) at 23°C.	ASTM D 256	J/m	30
Rockwell Hardness	ASTM D 785	R scale	100
Vicat softening point (10N)	ASTM D 1525	°C	152
HDT (0.46 N/mm ²)	ASTM D 648	°C	94
Accelerated oven ageing in air (forced circulation) at 150°C.	ASTM D 3012	Hours	360

The product is suitable for injection moulding applications such as thin-walled containers and other general purpose packaging items, toys, vacuum flasks, household and kitchen articles. Moplen Z 30 G also is an excellent polymer base for compounding and master Batches.

Moplen Z 30 G is suitable for food contact.

Measured at 230 °C. Under a load of 2.16 with a standard nozzle having a diameter of 2.095 mm

Average nominal value referred to a tensile injection molded specimen Type 1 (ASTM D638).

Typical mechanical property values measured on standard injection molded specimens. (ASTM D2146), conditioned at room temperature (ASTM D618 -procedure A)

The composition of the product complies with FDA norms and with Regulations in force in most European countries concerning polypropylene Resins for use in food contact applications. The product also meets the Necessary requirements for many medical applications. Further details can be supplied on request .