

Moplen Z 30 G is a high flow homopolymer for injection moulding and compounding Applications . Moplen Z 30 G exhibits a high stiffness and an outstanding processability for shorter Cycle times and easy mould filling .The

PROPERTIES	METHOD	UNIT	
(1)Melt Flow Rate (230 °C., 2.16 kg)	ASTM D 1238L	dg/min	25
(2)Density	ASTM D 1505	g/cm 3	0.9
Flexural Modulus (3)	ASTM D 790	N/mm 2	1500
Tensile Strenght at yield (3)	ASTM D 638	N/mm2	32
Elongation at yield (3)	ASTM D 638	%	13
Izod Impact Strenght(notched)at 23°C. (3)	ASTM D 256	J/m	30
Rockwell Hardness (3)	ASTM D 785	R scale	100
Vicat softening point (10N) (3)	ASTM D 1525	°C	152
HDT (0.46 N/mm2) (3)	ASTM D 648	°C	94
Accelerated oven ageing in air (forced circulation)at 150°C.	ASTM D 3012	hours	360

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 . (4)

- (1) Measured at 230. under a load of 2.16 with a standard nozzle having a diameter of 2.095 mm
- (2) Average nominal value referred to a tensile injection moulded specimen Type 1 (ASTM D638).
- (3) Typical mechanical property values measured on standard injection Moulded specimens.(ASTM D2146), conditioned at room temperature (ASTM D618 –procedure A)
- (4) 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 Can be supplied on request .