

## Technical Datasheet Z30G

### 1) Product Description:

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

### 2) Applications:

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

### 3) Typical data:

Property	Test method	Unit	value
Melt flow rata(230° c/2.16 kg)	ASTM D 1238L	Dg/min	25
Density	ASTM D 1505	g/cm <sup>3</sup>	0.9
Flexural Modulus	ASTM D 790	N/mm <sup>2</sup>	1500
Tensile Strength at Yield	ASTM D 638	N/mm <sup>2</sup>	32
Elongation at Yield	ASTM D 638	%	13
Izod impact Strength (notched) at 23°C	ASTM D256	J/m	30
Rockwell hardness	ASTM D 785	R scale	100
Vicat softening point (10N)	ASTM D 1525	°C	152
H.D.T (0.46 N/mm <sup>2</sup> )	ASTM D 648	°C	94
Accelerated oven ageing in air(forced circulation) at 150 °C	ASTM D 3012	Hours	360

\* Typical values not to be construed as specifications.