PP HOMO POLYMER

Moplen Z 30 G

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 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.

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 Strenght at yield	ASTM D 638	N/mm 2	32
Elongation at yield	ASTM D 638	%	13
IzodImpact Strenght(notched)at 23°C	ASTM D 256	J/m	30
Rockwell Hardness	ASTM D 785	R scale°C	100
Vicat softening point (10N)	ASTM D 1525	°C	152
HDT (0.46 N/mm2)	ASTM D 648	°C	94
Accelerated oven ageing in air (forced circulation)at 150 C.	ASTM D 3012	°C	360