

AKSAD GROUP PETROCHEM

C 30 G

Injection Moulding

C 30 G is a polypropylene homopolymer for injection moulding. The main applications of C 30 G offers housewares, small containers, crates, garden furniture, stadium seats, toys, caps and closures.

Other major applications are components for appliances and parts for the automotive industry.

Properties	Value	Unit	Method
Melt flow rate (230 °C, 2.16 kg)	6	dg / min	ISO 1133
Density	0.9	g/cm3	ISO 1183
Flexural Modulus	1500	N/mm2	ISO 178
Tensile strength yield	34	N/mm2	ISO R527
Elongation@yield	13	%	ISO R527
Izod Impact strengt	4	Kj/m2	ISO 180
Hardness shore D	71	points	ISO 868
Vicat softening point (9.8 N)	155	°C	ISO 306/A
H.D.T. (0.46 Mpa)	112	°C	ISO 75/B
Accelerated oven ageing in air (forced circulation) at 150 °C	360	hours	ISO 4577