

KGT 621 is a modified polypropylene random copolymer for the production of cast and water-quenched blown film. This is formulated with a general purpose package and does not contain any slip or anti-block agents. This is designed for quality packaging applications, either as monolayer film or as welding layer on coextruded structures. The product offers excellent process-ability, high clarity and gloss and good heat weld-ability.

Applications

- Packaging of foodstuffs
- Injection moulding caps and closures
- Packaging of books stationery, blankets, shirts and hosiery

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (230 OC, 2.16kg)	8	dg/min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	1050	N/mm ²	ISO 178
Tensile Strength at Yield	28	N/mm ²	ISO R 527
Elongation at Yield	14	%	ISO R 527
Izod Impact Strength (notched) at 23 °C	4.5	KJ/m ²	ISO 180
Hardness Shore D	67	Points	ISO 868
Thermal			
Vicat softening point (9.8 N)	140	°C	ISO 306/A
H.D.T. (0.46 Mpa)	90	°C	ISO 75/B
Accelerated oven ageing in air (forced circulation) at 150 °C	360	Hours	ISO 4577
optical			
Haze	0.6	%	MTM 17031
Gloss (45°)	88	%	MTM 17021