

KGT 619 is a polypropylene homopolymer particularly suited for clear and pigmented thermoforming applications. This offers high stiffness, excellent process-ability, good contact clarity and high gloss. It is increasingly used for the extrusion of sheet for thermoforming.

Applications

- Cups
- Blister packs
- Packaging for dairy products
- Trays for biscuits, chocolates and fruits

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (230 0C, 2.16kg)	3.8	dg/min	ASTM D 1238L
Density	0.9	g/cm ³	ASTM D 1505
Mechanical			
Flexural Modulus	1650	MPa	ASTM D 790
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Notched Izod Impact at 23 °C	50	J/m	ASTM D 256
Rockwell hardness	105	R scale	ASTM D 785
Thermal			
Vicat softening point (10 N)	156	°C	ASTM D 1525
H.D.T. (0.46 Mpa)	114	°C	ASTM D 648
Accelerated oven ageing in air (forced circulation) at 150 0C	360	Hours	ASTM D 3012
optical			
Haze	35	%	ASTM D 1003
Gloss (45°)	63	%	ASTM D 523