

KGT 415 is a medium flow homopolymer with bimodal molecular weight distribution and good clarity intended for BOPP films. The product is suitable for metallizable film, both as monolayer and in coextruded structures.

Applications

- High quality packaging film for food
- Lamination to other films
- Metalizable film
- Medical packaging
- Thermoformed food containers

Processing Method

- BOPP Film
- Thermoforming

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (23°C/2.16Kg)	3.0	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1400	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	50	J/m	ASTM D256
Thermal			
Vicat softening temp(A50 (50 °C/h 10N)	152	°C	ASTM D1525
H.D.T. (0.46 MPa)	84	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	500	hours	ASTM D3012
Optical			
Haze (20µm)	0.5	%	ASTM D1003