

KGT 6110 is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). The product is suitable for metallizable film, both as monolayer and in coextruded structures. It contains a standard processing stabilization but does not contain any slip, anti-blocking agents and it is Calcium Stearate free.

### Applications

- BOPP
- Food Packaging Film
- Thermoformed Food Containers

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	3.0	g/10 min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Break (50 mm/min)	23	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Stress at Yield (50 mm/min)	34	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Strain at Break (50 mm/min)	>500	%	ISO 527-1, -2
Tensile Stress at Yield (50 mm/min)	12	%	ISO 527-1, -2
Flexural Modulus	1450	N/mm <sup>2</sup>	ISO 178
Shore hardness (Shore D)	70	-----	ISO 868
<b>Thermal</b>			
Vicat softening temperatre (A50 (50°C/h 10N)	75	°C	ISO 306
H.D.T. (0.46 Mpa)	154	°C	ISO 75B-1, -2