

KGT 6115 is a high flow homopolymer for injection moulding and compounding applications. It exhibits a high stiffness and an outstanding process-ability for shorter Cycle times and easy mould filling.

### Applications

- Thin-walled containers
- Injection moulding
- Compounding and masterbatches

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	25	dg/min	ASTM D 1238L
<b>Density</b>	0.9	g/cm <sup>3</sup>	ASTM D 1505
<b>Mechanical</b>			
Flexural Modulus	1500	N/mm <sup>2</sup>	ASTM D 790
Tensile Strength at Yield	32	N/mm <sup>2</sup>	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Notched Izod Impact at 23 °C	30	J/m	ASTM D 256
Rockwell hardness	100	R scale	ASTM D 785
<b>Thermal</b>			
Vicat softening point (9.8 N)	152	°C	ASTM D 1525
H.D.T. (0.46 Mpa)	94	°C	ASTM D 648
Accelerated oven ageing in air (forced circulation) at 150 °C	360	Hours	ASTM D 3012