

KGT 413 is a polypropylene homopolymer with good flow properties for injection molding and compounding applications. This grade offers medium-high fluidity, easy mold filling and short cycle times.

Applications

- Thin-walled articles
- Containers
- Boxes
- Toys
- Household articles
- Closures and caps
- Polymer base for compounding and masterbatches

Processing Method

- Injection molding
- Compounding

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (23°C/2.16Kg)	17	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	30	J/m	ASTM D256
Rockwell Hardness	103	R-Scale	ASTM D785
Thermal			
Vicat softening temp(A50 (50 °C/h 10N)	154	°C	ASTM D1525
H.D.T. (0.46 MPa)	95	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012