

KGT 614 is a medium-high fluidity polypropylene homopolymer. It is particularly suitable for the production of heavy denier staple fiber and continuous filament. It exhibits good process stability during extrusion.

Applications

- Staple fibers
- Carpets, rugs
- Garments such as overalls and socks
- Sportswear and heavy duty clothing
- Low denier staple fibers for thermobonding
- Production of continuous filament for ropes
- Belts and straps

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (230 0C, 2.16kg)	12	dg/min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	1550	N/mm ²	ISO 178
Tensile Strength at Yield	35	N/mm ²	ISO R 527
Tensile Elongation at Yield	13	%	ISO R 527
Izod Impact Strength (notched) at 23 0C	3.5	KJ/m ²	ISO 180
Hardness Shore D	71	Points	ISO 868
Thermal			
Vicat softening point (9.8 N)	155	°C	ISO 306/A
H.D.T. (0.46 Mpa)	117	°C	ISO 75/B
Accelerated oven ageing in air (forced circulation) at 150 0C	360	Hours	ISO 4577