KGT Oil
Oil Gas Mine

KGT 613 - Homopolymer

KGT 613 is a medium-high fluidity polypropylene homopolymer. This is particularly suitable for the production of heavy denier staple fiber and continuous filament. It exhibits good process stability, high flow during extrusion.

Applications

- Staple fiber
- Carpets
- Rugs
- Garments such as overalls and socks
- 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	^0C	ISO 306/A
H.D.T. (0.46 Mpa)	117	^0C	ISO 75/B
Accelerated oven ageing in air (forced circulation) at 150 ^0C	360	Hours	ISO 4577

Al Khuwair, Road No:824, plot No:2914
Office No:2910 ، P. O. Box: 511. PC: 400 Muscat- Oman

www.kgtoil.com

sales@kgtoil.com