

KGT 753 is a linear low density polyethylene copolymers containing butene-1 as a co-monomer. It suitable for thin and stiff blown films because of their good draw down properties. It also can be used for applications such as carrier bags and garment wraps. It contains slip and anti-blocking agents for better opening properties. Recommended melt temperature for extrusion is about 180°C - 225°C. This should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

Applications

- Thin and stiff blown films

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (190 °C, 2.16kg)	9.0-1.1	g/10min	ASTM D1238
Density	0.924-0.928	g/cm ³	ASTM D2839
Mechanical			
Flexural Modulus	900	MPa	ASTM D790
Tensile Strength at Yield	12/13	MPa	ASTM D638
Elongation at Break	650/800	%	ASTM D638
Tensile Strength at Break	42/33	MPa	ASTM D688
Impact Strength	90	gr	ASTM D1709
Vicat softening point	105	°C	ASTM D1525
Optical			
Haze	13	%	ASTM D1003
Gloss (45°)	48	Rating	ASTM D2457