

KGT 252 is a LLDPE copolymer with butane as comonomer which contains antioxidant, Slip and anti-block additives. It gives film of high slip which is easily separable. It is recommended for general purpose applications. It is suitable for blending with conventional LDPE. Film made from pure it has the following advantages over conventional LDPE:

Better sealing, Higher puncture resistance, Greater drawdown capability, Higher tensile strength.

**Applications**

- Food Grade
- Refuse sacks
- Produce bags, carrier bags

Additive	Silica	Talc
Neutralizer	Calcium Stearate	Calcium Stearate
Antioxidant	Irganox1010 , Irgafos168	Irganox1010 , Irgafos168
Anti-block	Siloblock47	Talc ABT 250
Slip	Erucamide	Erucamide

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (190°C/2.16Kg)	0.9	g/10min	ISO 1133
Density	921	Kg/m <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield MD/TD	10/11	MPa	ISO 527
Tensile Strength at Break MD/TD	41/32	MPa	ISO 527
Elongation at Break MD/TD	620/840	%	ISO 527
Tear Strength MD/TD	145/370	g/25p	ASTM D1922
Dart Drop Impact	150	g	ASTM D 1709