

KGT 454 is a LLDPE blown film grade designed for applications requiring ease of processing.

Applications

- Blown film grade

Additives

454 AA

- Thermal Antioxidant

454 KJ

- Antiblocking Agent
- Thermal Antioxidant
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Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Index (190°C/ 2.16Kg)	1.80	g/10min	ASTM D1238
Density	0.9220	g/cm ³	ASTM D1505
Mechanical			
Dart Impact	67	g	ASTM D1709
Elmendorf Tear	127/332	g	ASTM D1922
Tensile Strength at Yield (MD/TD)	12/12	MPa	ASTM D882
Tensile Strength at break (MD/TD)	37/32	MPa	ASTM D882
Ultimate elongation (MD/TD)	783/888	%	ASTM D882
Haze	48	%	ASTM D1003
Gloss 45°	10	-----	ASTM D2457
@ 25 micron film obtained on Collin 25, B.u.R. 2.5: 1, Temp, profile 155—> ► 190°C			
Recommended processing conditions			
Melt Temperature	190-230	°C	-----
Blow up ratio	2.0-3.0	-----	-----
Die Gap	2.0-2.5	mm	-----
Thickness	15-150	micron	-----