

KGT 543 is a low energy consumption during processing and has a good draw down ability.

Applications

- General packaging film and carrier bags

Additives

- Anti-oxidant
- Anti-block: 1100 ppm
- Slip: 700 ppm

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate	0.85	dg/10min	ISO 1133
Density	921	kg/cm ³	ISO 1183 A
Mechanical			
Impact Strength	30	kJ/m	ASTM D4272
Tear Strength TD	30	kN/m	ASTM D6383-2
Tear Strength MD	40	kN/m	ASTM D6383-2
Yield Stress TD	11	MPa	-----
Yield Stress MD	12	MPa	-----
Tensile Stress at break TD	21	MPa	-----
Tensile Stress at break MD	24	MPa	-----
Strain at break TD	>500	%	-----
Strain at break MD	>200	%	-----
Modulus of elasticity TD	170	MPa	-----
Modulus of elasticity MD	160	MPa	-----
Coefficient of friction	0.1	-----	ASTM D1894
Blocking	10	g	SABIC method
Re-Blocking	30	g	SABIC method
Optical			
Haze	11	%	ASTM D1003A
Clarity	37	mV	DSM Method
Gloss	49	%	ASTM D2457