

KGT 542 is intended for very thin film requiring very good optical properties and is thus mainly applied in general packaging film such as textile packaging.

Applications

- General packaging film

Additives

- Anti-oxidant
- Anti-block: 800 ppm
- Slip: 900 ppm

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate	4.7	dg/min	ASTM D 1238
Density	921	kg/cm ³	ASTM D 1505
Mechanical			
Impact Strength	15	kJ/m	ASTM D4272
Tear Strength TD	30	kN/m	ASTM D 1922
Tear Strength MD	80	kN/m	ASTM D 1922
Yield Stress TD	11	MPa	ASTM D 882
Yield Stress MD	12	MPa	ASTM D 882
Tensile Stress at break TD	15	MPa	ASTM D 882
Tensile Stress at break MD	27	MPa	ASTM D 882
Strain at break TD	> 450	%	ASTM D 882
Strain at break MD	100	%	ASTM D 882
Modulus of elasticity TD	190	MPa	ASTM D 882
Modulus of elasticity MD	190	MPa	ASTM D 882
Coefficient of friction	0.2	-----	ASTM D1894
Blocking	< 5	g	-----
Optical			
Haze	9.5	%	ASTM D1003A
Clarity	23	mV	SABTEC Method
Gloss	53	%	ASTM D2457