



Biodegradable Cellulose Lamination film for carton boxes (TDS)

Property	Units		Test Conditions	Test Method	Glossy-Result	Matte-Result	Supreme Anti-scratch Matte film-Result	Fingerprint soft Touch Matte film-Result
Thickness	Micron		/	Keyful Test	20	22	24	22
Yield	m ² /kg		/	Keyful Test	34.5	30	28.7	31.3
	g/m ²		/		29	33.3	34.8	31.9
Width	mm		/	Keyful Test	300MM-1510MM	300MM-1510MM	300MM-1510MM	300MM-1510MM
Length	m		/	Keyful Test	4000M	4000M	4000M	4000M
Permeability to:Water vapour Oxygen	g/m ² .24hrs		38°C 90% RH	ASTM E96	20	20	20	20
	cc/m ² .24hrs		23°C 0% RH	ASTM F 1927	1	1	1	1
			23°C 50% RH		5	5	5	5
Optical:Gloss Haze (wide angle)	Units		45°	ASTM D 2457	105	/	/	/
	%		2.5°	ASTM D 1003	5.5	/	/	/
	Units		60°	ASTM D 2457	/	10.5	4.5	2
Coefficient of friction (film to film)	/		Static Dynamic	ASTM D 1894	0.35	0.284	0.23	0.3
					0.3	0.335	0.28	0.5
Tensile strength	MN/m ²	MD	/	ASTM D 882	125	125	125	125
		TD			70	70	70	70
Elongation at break	%	MD	/	ASTM D 882	22	22	22	22
		TD			70	70	70	70
Elasticity modulus(1% secant)	MN/m ²	MD	/	ASTM D 882	≥1200	≥1200	≥1200	≥1200
		TD			≥600	≥600	≥600	≥600

Remark:The data above is reference values, not standard values.

Add:F6-05C, 6th Floor, Building F, Cultural Creative Park, Shatou Street, Futian District, Shenzhen, China.

Tel:+86 0755 8291 0699

E-Mail: melissa@kfnmsz.com

Web Sites: www.keyfulgroup.com