

HD-MU offset high density soya ink

Characteristics:

High density, Soy based

excellent stability on high speed press

Quick setting and fast drying, 24 hours non-skinning

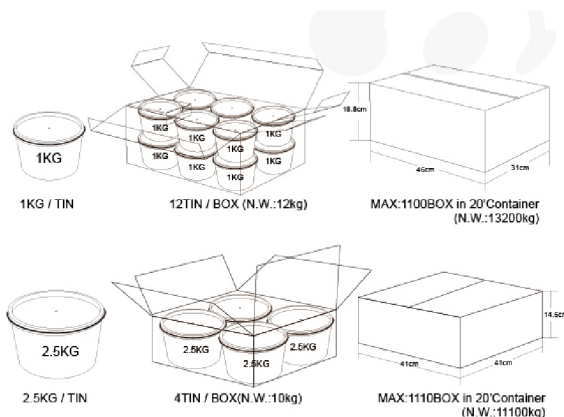
Complied with ISO2846-1, 12647-2 and G7 grey balance.

Complied with RoHs, FDA food packaging, and Hasbro packaging standards.

Technical Products

CHARACTER	Unit	Equipment	YELLOW		MAGENTA	
			Range	Tested value	Range	Tested value
Tack		38°C, 400rpm by ink-o-meter	5.0-5.2	5	5.3-5.7	5.5
Flow	mm	25°C, 200g, 15min, glass plate	33-35	34	34-36	35
Grinding		double groove finess plate	≤9b7c	5b	≤9b7c	7b
Viscosity	pa . s	25°C, laray	320-400	370	460-520	510
Yield		25°C, laray	1800-2400	2200	2500-3000	2600
Skinning	hour	35°C, glass plate	≥16	16	≥16	16
Setting	minitus	5kg, 3min by setting meter	≤15	14	≤15	13
Density		X-rite, 0.025cc	0.95-1.00	1.00	1.50-1.60	1.55
Gloss	gu	gloss meter, 60°	60-65	64	55-60	56
Emulsification	%	water, 150rpm*10min by Emulsification meter	30-40	33	30-40	37
CHARACTER	Unit	Equipment	CYAN		BLACK	
			Range	Tested value	Range	Tested value
Tack		38°C, 400rpm by ink-o-meter	6.5-6.9	6.8	6.6-7.0	6.8
Flow	mm	25°C, 200g, 15min, glass plate	35-37	36	34-36	34
Grinding		double groove finess plate	≤9b7c	7b	≤9b7c	8b
Viscosity	pa . s	25°C, laray	460-520	500	400-480	430
Yield		25°C, laray	2500-3000	2600	1800-2200	2100
Skinning	hour	35°C, glass plate	≥16	16	≥24	24
Setting	minitus	5kg, 3min by setting meter	≤20	17	≤20	18
Density		X-rite, 0.025cc	1.40-1.45	1.43	1.70-1.80	1.75
Gloss	gu	gloss meter, 60°	52-58	55	62-69	65
Emulsification	%	water, 150rpm*10min by Emulsification meter	30-40	37	40-60	55

Packaging



Resistance parameters

Resistance	Yellow	Magenta	Cyan	Black
Light	4	4	5	5
Heat	4	5	5	5
Alkali	4	4	5	5
Acid	5	5	5	5
Alcohol	4	4	5	5
Excellent 6 → 1 Poor				

Usage

Operated under normal circumstances;

Less than 3% additional viscosity reducer or modifier is recommended, when low indoor temperature or bad paper surface performance;

Less than 1% additional desiccant is recommended, when high indoor humidity or other affects.

Notice

The above data is tested strictly in laboratory only for reference. We suggest customers to test the products first before printing because different printing environment and substrates may have different results. So we won't make any warranty to the real effect of the products.

Period of validity

3 years

If the technical data is still qualified, products could be used out of date.