

UV CURABLE PRODUCT

Our company's products of UV curable has two kinds. First is applied to optical films. This kind of UV resin can applied to any PET films. It can be used in the LCD screen backlight module. The other kind is UV color paste. It can applied to UVcurable paint and all kinds of print color. This product's main characteristic is high concentration dispersibility well and good commonality

UV curable applied to optical films

product	Characteristic and application	Adhesion	viscosity (25°C cps)	RI
OEP-DF-046	Applied to NAN YA PET film and computer backlight module.	5B	180	1.49
OEP-DF-050	Applied to NAN YA PET film and computer backlight module. Low RI	5B	280	1.46
OEP-DF-053	Applied to NAN YA PET film and computer backlight module. Low halogen Content	5B	120	1.49

※ Our company can new product development of UV resin for meeting the customers' needs

The Catalog Of TKC Color base for UV-curing

A. Product description

The UV color base is made of pigment、dispersant and a variety of UV resins which is designed to fit the application at UV system. It possesses strong tinting strength、good dispersion、and versatility and good quality. Our UV color base has low V.O.C. complying with the regulation of safety, environmental protection and transportation. It is an excellent product to apply color at UV curing system.

B. Characters

1. Strong tinting strength, good dispersion, versatility and excellent quality.
2. Low V.O.C. complying with the regulation of safety, environmental protection.
3. Easy dispersion.
4. Less burden at warehousing.
5. Pass 4-week storage test under room temperature of 50°C.
6. Adhesion under original recipe remains unchanged.
7. Light fastness, acid and alkali resistance are shown in the directory.

C. Applicability

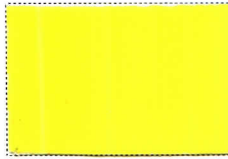

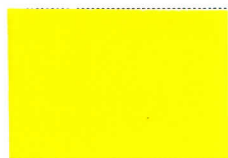


For UV coating and UV printing.

D. Notice:

1. Please stir the color before using.
2. Please tighten the cap after using.
3. Dilution is recommended when dosage is small.
4. The cool and dry place is recommended for storage and the products must be kept away from fire.

Note: The above data and results are based on controlled or lab work and must be confirmed by Buyer by testing for the intended conditions of use.


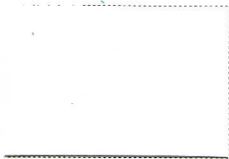
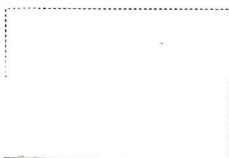

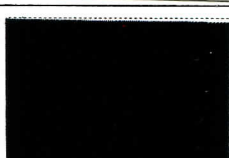
The Catalog Of TKC Color base for UV-curing

Full Shade	OEP Color Pigment No.	顔料含量 Pigment content (%)	耐光性 light fastness	耐酸性 acid resistance	耐鹼性 alkali resistance
	Yellow UB019 PY-81	30	7	5	5
	Yellow UB032 PY-151	30	8	5	3
	Yellow UB048 PY-14	30	4	5	5
	Yellow UB012 PY-13	30	5	5	5
	Yellow UB002 PY-83	25	7	5	5
	Orange UB033 PO-73	35	7-8	5	5
	Red UB014 PR-53:1	30	3	5	3
	Red UB010 PR-166	30	7	5	5
	Red UB045 PR-208	30	7-8	5	4-5

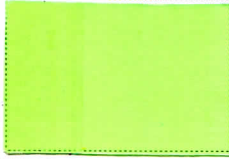

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	Red UB011 PR-170	30	6	5	5
	Red UB030 PR-57:1	30	4	3	2
	Magenta UB017 PR-122	25	7	5	5
	Red UB031 PV-19	35	7	5	5
	Brown UB044 PR-101	50	8	5	5
	Violet UB043 PV-23	30	7-8	5	5
	Blue UB040 PB-29	50	8	1	2-3
	Blue UB018 PB-15:3	30	7	5	5
	Blue UB042 PB-15	30	8	5	5

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	Green UB020 PG-7	30	6	5	5
	White UB021 PW-6	60	4-5	5	5
	White UB056 PW-6	60	4-5	5	5
	Black UB057 PBk-11	50	7-8	3-4	5
	Black UB059 PBk-7	40	8	5	5

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	Pink UB013 Fluorescent Pigment	30	2-3	4	4
	Orange UB054 Fluorescent Pigment	40	2-3	4	4
	Yellow UB050 Fluorescent Pigment	40	2-3	4	4
	Green UB049 Fluorescent Pigment	40	3	4-5	4-5
	Blue UB052 Fluorescent Pigment	45	3	4-5	4-5
	Violet UB055 Fluorescent Pigment	40	2-3	4	4