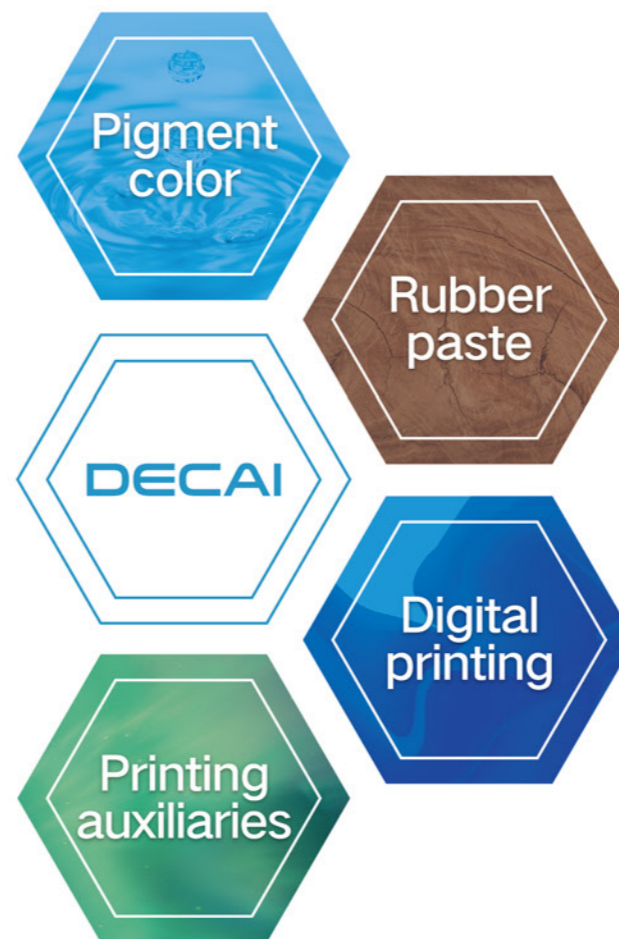


DECAI CHEMICAL
QUALITY · SERVICE



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PRODUCT INFORMATION



ABOUT US

Shishi DECAI Chemical Technology Co., Ltd. was established in 1995. It is a leading water-based textile printing materials manufacturer in China.

Since establishment, DECAI Chemical focuses on Eco-friendly water-based raw materials development, establishes cooperation with Xiamen University. DECAI Chemical follows ISO9001 quality management system and introduces up-to-date equipment and technology in manufacture.

DECAI Chemical concentrates on innovation, continuously improves products' quality and performance, meets and exceeds customers' expectations.

TEXTILE SCREEN PRINTING MATERIALS

I

Pigment Paste & Related Raw Materials

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	2400	Fastness Binder	bright color	✓	✓	✓	
2	2200	Fastness Binder	soft, bright color	✓	✓	✓	improve from 2400
3	DC-189	Synthetic Binder	soft, low temperature fixing, good fastness	✓	✓	✓	
4	K-230/K-240	Binder	soft, low temperature fixing, good fastness	✓	✓	✓	
5	DC-350N	Fastness Pigment Paste	good fastness, ready-to-use	✓	✓	✓	
6	DC-250H	Fine Mesh Pigment Paste	machine printing use		✓	✓	
7	FLOPRINT TA 160	Thickener	high efficiency, holding color well			✓	
8	D8	Emulsifying Thickener	good effect, combine use with printing water			✓	
9	G850	Softener	improve hand feeling, add 1-5%			✓	
10	KCA	Emulsion Paste	improve color display			✓	

Rubber Paste (Hand Printing)

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	750	Regular Rubber Paste	competitive, balance in performance	✓		✓	
2	1870	Medium Rubber Paste	elasticity, nice performance	✓		✓	
3	590/690	Elasticity ---	good fastness and application, solid hand feeling	✓	✓	✓	
4	3890	Elasticity ---	elasticity and soft, good application on fabrics	✓		✓	

Rubber Paste (Hand Printing)

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
5	3870	Mat Elasticity ---	mat, soft, good adhesion on synthetic fabrics	✓		✓	
6	4890	Nylon Elasticity ---	soft, good adhesion on synthetic fabrics	✓		✓	with top coat print, excellent wahsing
7	623	Rubbing Resistance ---	good rubbing fastness and hand feeling	✓		✓	
8	3020/3030	Anti Cold Crack ---	after curing, anti cold crack (-25°C), good washing fastness, soft	✓		✓	recommend to add color fixing agent

Rubber Paste (Machine Printing)

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	996	Quality Rubber Paste	good opacity, soft, no blocking		✓	✓	
2	195	Quality Rubber Paste	good opacity, soft, no blocking		✓	✓	
3	196	Quality Rubber Paste	good opacity, soft, 180-200 mesh screens		✓	✓	
4	198	Fine Mesh Rubber Paste	196 upgrade, 200-250 mesh screens		✓	✓	
5	8000	Nylon Rubber Paste	soft, good fastness on synthetic fabrics		✓	✓	with top coat print, excellent wahsing
6	2800	Anti cold crack ---	after curing, anti cold crack (-25°C), good washing fastness, soft		✓	✓	recommend to add color fixing agent

Fine Mesh CMYK Pigment Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	L series	Regular CMYK ---	soft, CMYK design available	✓	✓	✓	
2	H series	Good fastness CMYK ---	soft, good fastness, CMYK design available	✓	✓	✓	

Fine Mesh CMYK Pigment Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
3	Y series	M/C CMYK ---	soft, Fine Mesh (200-300 mesh screens) CMYK available		✓	✓	
4	105 series	Water-proof fabric ---	replace solvent inks, good fastness on regular water-proof fabrics	✓		✓	add 3% DC-260
5	106 series	Water-proof fabric ---	replace solvent inks, good fastness on slippy water-proof fabrics	✓		✓	add 2-3% S-100

Anti Migration Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	DC-AM	Anti Migration ---	good anti migration performance, grey coating layer	✓		✓	
2	MP-AM	Anti Migration ---	good anti migration performance, grey coating layer		✓	✓	

Discharge Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	409/609/809	Imitate Discharge	uniform in color, 609 good hand feeling, 809 good opacity	✓	✓	✓	
2	1331	Regular Discharge	after wash formaldehyde free	✓	✓		7% decroline discharge powder
3	1332	Eco-friendly Discharge	bright color, before wash formaldehyde free, must stir evenly	✓	✓	✓	7% Eco discharge powder

Base Coat Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	DC-1/DC-1N	Elasticity ---	soft, use with regular rubber paste, improve fastness and elasticity	✓		✓	
2	DC-5N	Rib Fabric ---	rib fabric application	✓		✓	

Base Coat Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
3	DC-7N	Good Fastness ---	good fastness, wide application and match	✓		✓	
4	DC-8N	Finishing Treatment ---	finishing agent treatment use	✓		✓	add 1% S-100
5	XC-105B	Water-proof Fabric ---	water-proof fabric use, slight scraping resistance				add 3% DC-260
6	XC-106B	Water-proof Fabric ---	water-proof fabric use, medium scraping resistance				add 2-3% S-100

Top Coat Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	PU-46	Glossy Paste	good glossy effect	✓	✓	✓	add 1% S-100
2	DC-623F	Mat Cover Paste	improve rubbing fastness	✓	✓	✓	
3	M1/M16/M8001	Mat Cover Paste	skin feeling, improve rubbing fastness	✓	✓	✓	add 0.5-1% S-100

Puff Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	HR-18	Low Temperature Puff	smooth puff surface	✓		✓	
2	GW-118	High Temperature Puff	suitable for Oval Printing machine, smooth puff surface		✓	✓	
3	DC-108	Suede Puff	smooth suede puff surface	✓	✓	✓	

Flock & Foil Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	920EF	Electrostatic Flock ---	good fastness, available for 10 times 60°C washing	✓		✓	add 2% S-100
2	TR-06/08	Transfer Flock ---	good washing fastness	✓		✓	
3	DC-630C	Hot Foil	soft, good washing fastness	✓		✓	
4	DC-629C	Cold Foil	soft, good washing fastness	✓		✓	
5	TR-10	PU Foil	smooth foil surface, good washing fastness	✓		✓	add 1% S-100
6	TR-22	Machine Foil	easy for operation, soft, good washing fastness		✓	✓	

Metallic Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	X5	Golden Paste	soft, bright color, good washing fastness	✓		✓	add 1% S-100
2	X6	Silver Paste	soft, bright color, good washing fastness	✓		✓	add 1% S-100
3	X7	Pearl Effect Paste	soft, bright color, good washing fastness	✓		✓	add 1% S-100
4	M5	Machine Golden ---	soft, bright color, good washing fastness		✓	✓	add 1% S-100
5	M6	Machine Silver ---	soft, bright color, good washing fastness		✓	✓	add 1% S-100
6	M7	Machine Pearl Effect ---	soft, bright color, good washing fastness		✓	✓	add 1% S-100

Special Function Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	DC-85 / DC-86	Hand & Machine Glitter ---	transparent, bright, good fastness	✓	✓	✓	
2	DC-211	Denim Paste	good fastness, denim wash OK	✓		✓	
3	1250	High Density Paste	efficiency, smooth surface	✓		✓	recommend for adult orders
4	MP-HC/HW	Machine High Density ---	no blocking, efficiency, smooth surface		✓	✓	recommend for adult orders
5	518	Denim Crack ---	smooth crack effect, denim wash OK	✓		✓	add 1% S-100
6	618	Knit Fabrics Crack ---	random crack effect and high efficiency	✓		✓	
7	ZR-03	Flame Retard ---	flame retard fabric application	✓			USA order use, hazards contain
8	MP-ZR	Machine Flame Retard ---	flame retard fabric application		✓		USA order use, hazards contain
9	801	Suede Rubber ---	suede print effect, low curing condition, good rubbing fastness	✓		✓	
10	802	Machine Suede Rubber ---	suede print effect, low curing condition, good rubbing fastness		✓	✓	
11	FR-1	Dye Resistance ---	pigment dyeing after printing, prevent reactive dyes staining	✓		✓	add 1% S-100

Printing Auxiliaries

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	N70	Color Fixing Agent	Improve rubbing fastness and washing fastness	✓	✓	✓	
2	S-100	Cross Linking Agent	Improve rubbing fastness and washing fastness, reduce stickiness	✓		✓	
3	W-30	Cross Linking Agent	Improve washing fastness, good for oval machine printing	✓	✓	✓	
4	XC-260	Cross Linking Agent	Improve PU color fastness and washing fastness	✓		✓	

Top Coat Paste

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
5	DC-606N	Anti Foil Paste	good isolation effect	✓	✓	✓	add 1% S-100
6	B27	Anti Blocking Agent	prolong machine operation time, improve efficiency	✓	✓	✓	
7	TG-01	Table Glue	good performance, efficiency	✓	✓	✓	
8	TJC	Table Glue	strong stickiness, long durability and wide application	✓	✓	✓	

Rotary & Flat Machine Printing

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	DC-815M	Clear Paste	bright color on light fabric, add binder can run in rotary		✓	✓	
2	DC-816W	Elastic White Paste	knit fabric Flat Bed printing, high opacity, good elasticity and fastness		✓	✓	
3	DC-819W	Fine Mesh White Paste	Rotary fine designs printing		✓	✓	
4	DC-013	White Paste	add binder to use in Rotary printing		✓	✓	
5	DC-015	White Paste	add binder to use in Rotary printing		✓		

Digital Printing inks

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	PBD	Pretreatment Agent	white fabric application, improve washing fastness, Japanese inks	✓	✓	✓	
2	PB-1	Clear Base Paste	improve surface smoothness and washing fastness, Japanese inks	✓	✓	✓	
3	PB-MW	Digital White Paste	dark fabric base coat treatment, stir before use, Japanese inks		✓	✓	
4	PB-XW	Digital White Paste	dark fabric base coat treatment, Italy inks		✓	✓	EPSON inks test

FOOT WEAR PRINTING MATERIALS

II

Foot Wear Screen Printing Inks

SL. NO.	ITEM NO.	DESCRIPTION	CHARACTERS	HAND PRINT	MACHINE PRINT	ECO-FRIENDLY	REMARK
1	XC-855 Series	High density paste	bending resistant, ultraviolet resistant, alkali resistant	✓		✓	Add 3% DC-260
2	XCZ-006	Mat cover paste	soft, good fastness, mat effect good	✓		✓	Add 3% DC-260
3	XC-94	Glossy paste	transparent, bright	✓		✓	Add 3% DC-260
4	XC-511	PU golden paste	bright, good fastness, bending resistant	✓		✓	Add 3% DC-260
5	XC-611	PU silver paste (rough)	bright, good fastness, bending resistant	✓		✓	Add 3% DC-260
6	XC-725	PU silver paste (fine)	bright, good fastness, bending resistant	✓		✓	Add 3% DC-260
7	XC-318	PU puff paste	good fastness, combine use with 855	✓		✓	Add 3% DC-260
8	XC-328	PU suede puff paste	good fastness, combine use with 855	✓		✓	Add 3% DC-260
9	A Style Series	Pigment series	soft, bending resistance, ultraviolet resistance, acid and alkali resistant	✓		✓	Add 3% DC-260

PIGMENT COLOR



High Concentration Pigment Series

SL. NO.	ITEM NO.	SHADE CARD			LIGHT		SOAP	SOLVENT	HEAT	DISCHARGE	TRANSFER	CHARACTERS	ECO-FRIENDLY	SHVC Pass	GOTS Pass	REMARK
		5%	1%	0.2%	5%	1%										
1	Yellow 104H				8	7-8	4	5	5	●	●	deepest green phase yellow	✓	✓	✓	
2	Yellow 105H				8	7-8	5	5	5	●	●	Hazard Free medium yellow	✓	✓	✓	
3	Gold Yellow 108H				8	7-8	5	5	5	●	●	good performance	✓	✓	✓	
4	Gold Yellow 107H				7	6-7	4	5	5	●	●	deepest red phase gold yellow	✓	✓	✓	
5	Orange 202H				8	7-8	5	5	5	●	●	transfer resistance, temp >200°C	✓	✓	✓	
6	Orange 203H				6	5	5	4	4	●	○	mix with black no generating AZO	✓	✓	✓	
7	Orange 206H				7-8	7	5	5	5	●	●	heat resistance, yellow phase	✓	✓	✓	replace 203H
8	Red 302H				8	7-8	5	5	5	●	●	heat resistance	✓	✓	✓	replace 303H
9	Red 303H				6	5	5	4	4	○	○	brightest red	✓	✓	✓	stamping temp <130°C
10	Red 301H				8	7-8	5	5	5	●	●	discharge resistance, temp >200°C	✓	✓	✓	
11	Red 309H				7-8	7	5	5	5	●	●	magenta, temp >200°C	✓	✓	✓	
12	Red 310H				7-8	7	5	5	5	●	●	bright red, temp >200°C	✓	✓	✓	
13	Red 304H				8	7-8	5	5	5	●	●	transfer resistance, temp >220°C	✓	✓	✓	replace 306H
14	Red 306H				7	6	5	4	5	○	○	rose color, good tinting strength	✓	✓	✓	
15	Rubine 308H				8	7-8	4	5	5	●	●	temp >180°C	✓	✓	✓	

Standard colors please refer to DECAI shade card.

"Note: "●" = Good; "○" = Test before application; "△" = Not recommend"

High Concentration Pigment Series																
SL. NO.	ITEM NO.	SHADE CARD			LIGHT		SOAP	SOLVENT	HEAT	DISCHARGE	TRANSFER	CHARACTERS	ECO-FRIENDLY	SHVC Pass	GOTS Pass	REMARK
		5%	1%	0.2%	5%	1%										
16	Violet 602H				7	6	5	4-5	5	●	●	good tinting strength	✓	✓	✓	
17	Blue 706H				8	7-8	5	5	5	●	●	Hazard Free (no Cu)	✓	✓	✓	
18	Blue 702H				7	7	5	4	5	●	●	heat and transfer resistance		✓	✓	
19	Blue 703H				8	7	5	4	5	●	●	match sky blue mixing with green		✓	✓	
20	Green 801H				8	7	5	4	5	△	●	less discharge resistance		✓	✓	
21	Brown 921H				8	7-8	5	5	5	●	●	Heat resistance, original brown	✓	✓	✓	
22	Black 901H				8	8	5	5	5	●	●	Hazard Free (no PAHs)	✓	✓	✓	
23	Fluo. Yellow 5101				4-5		3-4	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
24	Fluo. Orange 5202				4-5		3-4	3-4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
25	Fluo. Red 5303				5		3	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
26	Fluo. Pink 5506				4-5		3-4	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
27	Fluo. Rose 5607				4-5		3	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
28	Fluo. Rubine 5708				4-5		3-4	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
29	Fluo. Violet 5809				5		3	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
30	Fluo. Green 5912				4-5		3-4	4	4	○	△	Hazard Free, good tinting strength	✓	✓	✓	stamping temp <130°C
31	Fluo. Blue 5913				5-6		4	4	5	○	△	Hazard Free, good tinting strength	✓			stamping temp <130°C

Medium Concentration Pigment Series																
SL. NO.	ITEM NO.	SHADE CARD			LIGHT		SOAP	SOLVENT	HEAT	DISCHARGE	TRANSFER	CHARACTERS	ECO-FRIENDLY	SHVC Pass	GOTS Pass	REMARK
		5%	1%	0.2%	5%	1%										
1	Yellow 1304				8	7-8	4	5	5	●	●	brightest yellow, light resistance 7-8 grade	✓	✓	✓	
2	Yellow 1305				8	7-8	5	5	5	●	●	light resistance 8 grade	✓	✓	✓	
3	Gold Yellow 1207				7	6-7	4	5	5	●	●	deepest red phase, heat resistance	✓	✓	✓	
4	Orange 2302				8	7-8	5	5	5	●	●	transfer resistance, temp >220°C	✓	✓	✓	
5	Orange 2306				7-8	7	5	5	5	●	●	heat resistance, yellow phase	✓	✓	✓	replace 2303
6	Red 3302				8	7-8	5	5	5	●	●	temp >220°C, transfer resistance	✓	✓	✓	replace 3303
7	Red 3310				7-8	7	5	5	5	●	●	temp >220°C, transfer resistance	✓	✓	✓	
8	Red 3304				8	7-8	5	5	5	●	●	heat and transfer resistance	✓	✓	✓	replace 3306
9	Rubine 3308				8	7-8	4	5	5	●	●	heat >180°C, discharge resistance	✓	✓	✓	
10	Navy Blue 7006				8	7-8	5	5	5	●	●	heat resistance, Hazard Free (no Cu)	✓	✓	✓	
11	Brown 9301				8	7-8	5	5	5	●	●	temp >220°C, original brown	✓	✓	✓	
12	Black 9018				8	8	5	5	5	●	●	Hazard free (no PAHs)	✓	✓	✓	food package recommend
13	Yellow 1302				7-8	7	5	4-5	5	●	●	deepest green phase, temp >180°C		✓	✓	<15% dosage, AZO meets children order request
14	Yellow 1303				6	5	5	3-4	5	●	●	affordable		✓	✓	<15% dosage, AZO meets children order request
15	Gold Yellow 1306				6	5	5	3-4	5	●	●	affordable		✓	✓	<15% dosage, AZO meets children order request

Standard colors please refer to DECAI shade card.

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Medium Concentration Pigment Series																
SL. NO.	ITEM NO.	SHADE CARD			LIGHT		SOAP	SOLVENT	HEAT	DISCHARGE	TRANSFER	CHARACTERS	ECO-FRIENDLY	SHVC Pass	GOTS Pass	REMARK
		5%	1%	0.2%	5%	1%										
16	Gold Yellow 1308				8	7-8	5	5	5	●	●	temp >180°C, good performance	✓	✓	✓	
17	Gold Yellow 1309				6	5	5	3-4	5	●	●	affordable, good tinting strength		✓	✓	<15% dosage, AZO meets children order request
18	Orange 2303				6	5	5	3	4	●	○	mix with black no generating AZO	✓	✓	✓	
19	Red 3305				7	6	5	4-5	5	○	○	affordable	✓	✓	✓	replace 3303
20	Red 3303				6	5	5	4	4	○	○	brightest red	✓	✓	✓	stamping temp <130°C
21	Red 3301				8	7-8	5	5	5	●	●	discharge resistance, temp >200°C	✓	✓	✓	
22	Red 3309				8	7-8	5	5	5	●	●	temp >200°C	✓	✓	✓	
23	Red 3306				7	6	5	4	5	○	○	rose color, good tinting strength	✓	✓	✓	
24	Red Violet 3307				6	5	5	4	4	○	○		✓	✓	✓	
25	Violet 6302				7	6	5	4-5	5	●	●		✓	✓	✓	
26	Dark Blue 7201				7	6-7	5	4-5	5	●	○	high concentration			✓	✓
27	Navy Blue 7101				7	6-7	5	4-5	5	●	○	deepest red phase	✓	✓	✓	
28	Dark Blue 7502				7-8	7	5	4-5	5	●	●	heat and transfer resistance			✓	✓
29	Blue 7102				7-8	7	5	4	5	●	●	heat and transfer resistance			✓	✓
30	Blue 7103				8	7	5	4-5	5	●	●	slight green phase			✓	✓
Standard colors please refer to DECAI shade card.															"Note: ""●""= Good; ""○""= Test before application; ""△""=Not recommend"	

Medium Concentration Pigment Series																	
SL. NO.	ITEM NO.	SHADE CARD			LIGHT		SOAP	SOLVENT	HEAT	DISCHARGE	TRANSFER	CHARACTERS	ECO-FRIENDLY	SHVC Pass	GOTS Pass	REMARK	
		5%	1%	0.2%	5%	1%											
31	Sky Blue 7001				7-8	7	5	4	5	●	●	bright color			✓	✓	
32	Green 8201				8	7	5	5	5	△	●	less discharge resistance			✓	✓	
33	Green 8603				7-8	7	5	4-5	5	△	●	less discharge resistance			✓	✓	<15% dosage, AZO meets children order request
34	Brown 9303				7	6	5	4	5	○	●	heat resistance	✓	✓	✓		
35	Black 9101				8	7-8	5	5	5	●	●		✓	✓	✓		
36	Black 9106				8	7-8	5	5	5	●	●	blue phase, high concentration	✓	✓	✓		
37	White 9501				8	7-8	5	5	5	●	●	yellowing resistance, high concentration	✓	✓	✓		
Standard colors please refer to DECAI shade card.															"Note: ""●""= Good; ""○""= Test before application; ""△""=Not recommend"		