







Dye Intermediate

Name	Cas no.	Appearance	Purity %: \geq	Pyrocatechol content %: \leq	Melting point °C: \geq	Ignition residue %: \leq	Extractable metal content (Pb) %: \leq	Fe %: \leq	Insoluble %: \leq
Hydroquinone	123-31-9	White powder	99	0.05	171	0.1	0.002	0.002	-
Dimethyl Hydroquinone	150-78-7	White flaky crystal powder	99	-	54	-	-	-	-
4-chloro-2,5-dimethoxyaniline	6358-64-1	White powder	97	-	118	-	-	-	0.05

NAPHTHOL DYES

Product	CAS NO.	Appearance	Color Shade	Strength	Purity \geq %	Melting point \geq °C	Alkali insoluble \leq %	Bon Acid Content \leq %	Moisture \leq %
Naphthol AS	92-77-3	Beige powder	similar	100 \pm 2%	99	246	0.15	0.2	1
Naphthol AS-IRG	4433-79-8	White Crystals Powder	similar	100 \pm 5%	99.5	105	0.03	-	1
Naphthol AS-E	92-78-4	Light beige powder	similar	100 \pm 2%	98.5	258	0.2	0.3	1
Naphthol AS-D	135-61-5	Beige brown powder	similar	100 \pm 2%	98.5	193	0.3	0.2	1
Naphthol AS-BS	135-65-9	Yellow powder	similar	100 \pm 2%	98	246	0.2	0.8	1
Naphthol AS-PH	92-74-0	White powder	similar	100 \pm 5%	98.5	156	0.2	0.09	1
Naphthol AS-LC	4273-92-1	White powder	similar	100 \pm 5%	99	191	0.13	0.08	1
Naphthol AS-OL	135-62-6	Brown powder	similar	100 \pm 6%	99	160	0.15	0.2	1

PIGMENT RED 122

Product name		Physical data		Fastness properties					Applications Recommended	Color of Pigment	
Pigment Name	Index number	PH	Oil Absorption	Heat resistance °C	Light	Acid	Alkali	Water		Full Shade	Tint
QUINDO RED 1221	C.I.P.R.122	6-8	45-75	270	8	5	5	5	Solvent printing ink, coating special		
QUINDO RED 1222	C.I.P.R.122	6-8	45-75	280	8	5	5	5	PLASTIC WATER BASE		
QUINDO RED 1223	C.I.P.R.122	6-8	45-75	270	8	5	5	5	Water-based ink, printing paint		

PIGMENT RED 170

Product name		Physical data		Fastness properties					Applications Recommended	Color of Pigment	
Pigment Name	Index number	PH	Oil Absorption	Heat resistance °C	Light	Acid	Alkali	Water		Full Shade	Tint
PERMANENT RED F3RK-A	P.R.170	6~8	60~80	180	6	5	5	5	YELLOWISH , Water-based ink, printing paint		
PERMANENT RED F3RK-B	P.R.170	6~8	60~80	180	6	5	5	5	BLUEISH,TWO-COMPUND,Water-based ink		
PERMANENT RED F4RK	P.R.170	6~8	50~75	180	5	5	5	5	BLUEISH,Between F3RK, F5RK,GENERAL		
PERMANENT RED F5RK-W	P.R.170	6~8	50~75	180	5	5	5	5	BLUEISH,Water-based ink,Excellent water permeability		
PERMANENT RED F5RK-NC	P.R.170	6~8	50~75	180	5	5	5	4	BLUEISH,Solvent ink, high gloss		
PERMANENT RED F5RK-BA	P.R.170	6~8	50~75	180	5	5	5	5	BLUEISH,Water-based ink, printing paint		
PERMANENT RED F5RK-BB	P.R.170	6~8	50~75	180	5	5	5	5	YELLOWISH,Water-based ink, printing paint		
PERMANENT RED F5RK-S	P.R.170	6~8	50~75	180	5	5	5	5	PLASTIC WATER BASE,GOOD DISPERSE		
PERMANENT RED F7RK-A	P.R.266	6~8	70~85	180	6	5	5	5	BLUEISH,Excellent fluidity		
PERMANENT RED F7RK-B	P.R.266	6~8	70~85	180	6	5	5	5	BLUEISH,Excellent transparency, high gloss		

PIGMENT YELLOW 83

Product name		Physical data		Fastness properties					Applications Recommended	Color of Pigment	
Pigment Name	Index number	PH	Oil Absorption	Heat resistance °C	Light	Acid	Alkali	Water		Full Shade	Tint
PERMANENT YELLOW HR-02	P.Y.83	5~7	45~70	200	7	5	5	5	GOOD DISPERSE ,WATER BASE		
PERMANENT YELLOW HR-70	P.Y.83	5~7	45~70	200	7	5	5	5	HIGH OPAQUE PAINT BASE		
PERMANENT YELLOW R-02	P.Y.83	5~7	45~70	200	6	5	5	5	REDISH SINGLE COMPUND ,		
									GOOD DISPERSE,		
									PLASTIC WATER BASE		
PERMANENT YELLOW TR-01	P.Y.83	6~7.5	45~75	180	7	5	5	5	REDISH TWO-COMPUND GENERAL		
PERMANENT YELLOW 8312	P.Y.83	5~7	45~65	180	6	5	5	5	GREENISH TWO-COMPUND GENERAL		
PERMANENT YELLOW 277-A	P.Y.83	6~7.5	45~75	200	7	5	5	5	GENERAL		