

PHOSHORESCENT (GLOW) PIGMENTS

Description	Appearance	Glowing Color	Model	Average Size (um)
	White	Soft White	PLW-7C	20-40
	Purple	Purple	PLP-7	30-50
PL Series *	Light-Yellow	Yellow-Green	PLO-6B	45-65
			PLO-6C	20-40
			PLO-6D	10-15
			PLO-7B	45-65
			PLO-7C	20-40
			PLO-7D	10-15
			PLO-7E	5-10
			PLO-7F	2-5
		PLO-8C	20-40	
		Blue-Green	PLB-6B	45-65
			PLB-6C	20-40
			PLB-6D	10-15
			PLB-7B	45-65
			PLB-7C	20-40
PLB-7D	10-15			
PLB-7E	5-10			
R1 Series **	Red	Red	RR-7	20-50
	Orange	Orange	RO-7	20-50
	White	Red	REO-1	15-40
M Series *	Red	Orange-Red	PLR-4T	10-20
	Yellow	Yellow	PLY-4T	
	Green	Light-Green	PLG-4T	
	Blue	Light-Blue	PLB-4T	
S Series *	Light-White	Blue	SB-8B	45-60
	Light-White	Blue	SB-8C	20-40
	Light-White	Yellow-Green	S-4	20-40
SPM Series *	Yellow	Yellow	SPMY-4T	10-20
	Red	Red-Orange	SPMR-4T	
	Green	Light-Green	SPMG-4T	
	Blue	Light-Blue	SPMB-4T	
UV Series *	White	Blue	UVB-1	5-15
	Light-Green	Green	UVG-1	
	White	Yellow	UVY-1	
	White	Orange	UVO-1	
	White	Red	UVR-1	
	White	Purple	UVP-1	
R2 Series *	Salmon Pink	Salmon Pink	ROR-8	5-65
	Peach	Orange	RC-8	
	Cyan	Green	RI-8	
	Yellow	Citrine	RY-8	
	Green	Green	RG-8	
	Orange	Orange	RN-8	
Violet	Yellow-Green	RV-8		

* **ENCAPSULATING**, is an additional service, a process by which each particle is encapsulated in a glass bead which allows pigments to be used in water based applications.

** **R1 Series** pigments are excluded from the encapsulating process.

CERAMIC GLAZE (GLOW) PIGMENTS

Model	Heat Resistant	Body Color	Glowing Color
FGO-WSP	temperature: 600		yellow-green
FGS-WSP	temperature: 800		sky blue
FGS-WSP	temperature: 1000		blue-green
ZGO-DSP	middle temperature		

FAST CHARGE YELLOW-GREEN (GLOW) PIGMENTS

Model	Model
FCZG-7: Insoluble in: water, organic solvents Decomposition by : acids Appearance: Yellow-green Particle size: 20-40um Afterglow intensity after 0min: 4800mcd/m2	FCPG-7: Insoluble in: alkaline, organic solvents Decomposition by: acids Appearance: Yellow-green Particle size: 20-50um Afterglow intensity after 0min: 19600mcd/m2

INFRARED (GLOW) PIGMENTS

INFRARED (GLOW) PIGMENTS			(under 980nm)	
Model	Appearance	Glow Color	Excitation	Average Size
IR-G-01	White	Green	980nm	10um
IR-R-01	White	Red	980nm	10um
IR-B-01	White	Blue	980nm	10um

INORGANIC UV (ULTRAVIOLET) PIGMENTS

Model	Colors
YD-X10	Lemon Yellow
YD-X11	Pink
YD-X12	Cerise
YD-X13	Red
YD-X14	Red Orange
YD-X15	Orange
YD-X16	Orange Yellow
YD-X17	Strong Yellow
YD-X18	Green
YD-X19	Blue
YD-X20	Violet
YD-X21	Magenta

Technical Data:

Specific Gravity	1.36
Average Particle Size	≤15um
Softening Point	115°C-125°C
Decomposition Temperature	>200°C
Oil Absorption	56g Oil/100g Pigment

PHOTOCHROMIC PIGMENTS

Model	Color	Size
MC-1	Purple	2 - 7um
MC-2	Red	2 - 7um
MC-3	Blue	2 - 7um
MC-4	Sky Blue	2 - 7um
MC-5	Green	2 - 7um
MC-6	Orange	2 - 7um
MC-7	Yellow	2 - 7um

PEARL LUSTER PIGMENTS

Model	Colors	Particle size	Model	Colors	Particle size
YTC series			YTPI series		
YTCA	Double color series	1-60μ	YTPI9100	Pearl white series	1-2000μ
YTCB	Multi-color series	1-60μ	YTPI9200	Pearl luster series	1-2000μ
YTCC	Ordinary color series	1-60μ	YTPI9300	Pearl gold powder series	1-2000μ
YTCD	Custom color series	1-60μ	YTPI9400	Pearl color series	1-2000μ
YTCC series			YTS series		
YTCC100	Cosmetic grade mica pearl light white series	600 mesh	YTS93	Super flash silver	70-500μ
YTCC200	Cosmetic grade mica bead light interference series	600 mesh	YTS83	Special silver flash	50-300μ
YTCC300	Cosmetic grade mica beads light gold series	600 mesh	YTS63	Flash silver	40-200μ
YTCC400	Cosmetic grade mica pearl light color series	600 mesh	YTS53	Flash silver	20-125μ
YTCC500	Cosmetic grade mica bead light metal series	600 mesh	YTS51	Shiny silver	10-100μ
YTCC600	Cosmetics grade mica pearl crystal series	600 mesh	YTS50	Pearl white	10-70μ
YTCC800	Cosmetics grade mica pearl diamond series	600 mesh	YTS00	Silvery white	10-60μ
YTCC900	Cosmetic grade mica photo-discoloration series	600 mesh	YTS73	Fine pearl white	10-40μ
YTCS series			YTSA/RB series		
YTCS00	Beautiful super white	10-60μ	YTSA	Pearl white series	1-60μ
YTCS10	Fine pure white	1-15μ	YTRB	Magic color series	1-60μ
YTCS11	Special fine white	1-10μ	YTMC	Metal series	1-60μ
YTCS20	Fine super white	5-25μ	YTCD	Color series	1-60μ
YTCS50	Bright super white	10-70μ	YTGE	Golden series	1-60μ
YTCS51	Flash super white	20-100μ	YTGS	High flash series	1-60μ
YTCS53	Shiny super white	20-125μ	YTBF	Color changing series	1-60μ
YTCS63	Shinked super white	40-200μ	YT95	Custom series	1-60μ
YTCS83	Special flashing super white	50-300μ	YTSC series		
YTCS93	Shine super white	70-400μ	YTSCR1	Light red	80 mesh
YTCS103	Super shining white	100-700μ	YTSCC2	Light orange	80 mesh
YTCS113	Bright white	200-1000μ	YTSCY3	Light yellow	80 mesh
YTDR series			YTSCG4	Light green	80 mesh
YTDR00	Diamond white	10-60μ	YTSCQ5	Light cyan	80 mesh
YTDR05	Diamond gold	10-60μ	YTSCB6	Light blue	80 mesh
YTDR15	Diamond red	10-60μ	YTSCV7	Light purple	80 mesh
YTDR19	Diamond purple	10-60μ	YTSCO8	Light orange	80 mesh
YTDR25	Diamond blue	10-60μ	YTSCP9	Light skin	80 mesh
YTDR35	Diamond green	10-60μ	YTSCP1	Light pink	80 mesh
YTER series			YTSCR2	Light rose	80 mesh
YTER9501	Ordinary color series	1000 mesh	YTSCB1	Light bronze	80 mesh
YTER9502	High-concentration in color series	1000 mesh	YTSCG1	Light gold	80 mesh
YTER9503	Highlight color series	1000 mesh	YTSCG2	Light red gold	80 mesh
YTFD series			YTSCG7	Light gray	80 mesh
YTFD001	Silver-white pure natural mica pearl light series	600 mesh	YTSCG8	Light silver	80 mesh
YTFD002	Gold pure natural mica pearlescent series	600 mesh	YTSCK1	Light brown	80 mesh
YTFD003	Compound the color pure mica pearl light series	600 mesh	YTSCB9	Light copper	80 mesh
YTFD9001	High-end silver-white mica pearl light series	600 mesh	YTST1	Light pure copper	80 mesh
YTFD9002	High-end gold mica pearlescent series	600 mesh	YTSCJ1	Light red copper	80 mesh
YTFD9003	High-end color mica pearlescent series	600 mesh	YTSCW1	Light white	80 mesh
YTFP series			YTSCW9	Light pure white	80 mesh
YTFP01	Fluorescent pearl red	5μm	YTSP series		
YTFP02	Fluorescent pearl orange	5μm	YTSP01	Grass green	10-60μm
YTFP03	Fluorescent pearl yellow	5μm	YTSP02	Orange	10-60μm
YTFP04	Fluorescent pearl green	5μm	YTSP03	Pink blue	10-60μm
YTFP05	Fluorescent pearl blue	5μm	YTSP04	Bronze	10-60μm
YTFP06	Fluorescent pearl rose red	5μm	YTSP05	Fruit green	10-60μm
YTFP07	Fluorescent pearl light purple	5μm	YTSP06	Red and blue color	10-60μm
YTFP08	Fluorescent pearl of lemon yellow	5μm	YTSP07	Rose copper	10-60μm
YTFP09	Fluorescent pearl blue	5μm			
YTFP10	Fluorescent pearl powder	5μm			
YTFP11	Fluorescent pearl purple	5μm			
YTFP12	Fluorescent pearl white	5μm			

YTG series					
YTG	Pearl gold powder series	600 mesh	YTSP08	Claret-red	10-60 μ m
YTCG	Beaded crystal gold powder series	600 mesh	YTSP09	Brown	10-60 μ m
YTDG	Beaded light diamond gold powder series	600 mesh	YTSP10	Brilliant green	10-60 μ m
			YTSP11	Rose color	10-60 μ m
			YTSP12	Blackish green	10-60 μ m
			YTSP13	Lemon yellow	10-60 μ m
YTM series					
YTM00	Brass	10-60 μ	YTSP14	Ordinary blue	10-60 μ m
YTM01	Bronze	10-60 μ	YTSP15	Bronze	10-60 μ m
YTM02	Red bronze	10-60 μ	YTSP16	Flash blue	10-60 μ m
YTM03	Gunmetal	10-60 μ	YTSP17	Niger-brown	10-60 μ m
YTM04	Metal red	10-60 μ	YTSP18	Water blue	10-60 μ m
YTM05	Red copper	10-60 μ	YTSP19	Phthalein green	10-60 μ m
YTM06	Brown copper	10-60 μ	YTSP20	Pink	10-60 μ m
YTM07	Metal brown	10-60 μ	YTSP21	Sky blue	10-60 μ m
YTM08	Ruby red	10-60 μ	YTSP22	Watermelon red	10-60 μ m
YTM09	Brown	10-60 μ	YTSP23	Champaign gold	10-60 μ m
YTM30	Flash brass	20-80 μ	YTSP24	Champagne silver	10-60 μ m
YTM31	Flash copper	20-80 μ	YTSP25	Apricot skin tone	10-60 μ m
YTM32	Flash red copper	20-80 μ	YTSP26	Bright blue	10-60 μ m
YTM33	Flash bronze	20-80 μ	YTSP27	Silver black	10-60 μ m
YTM34	Flash metal red	20-80 μ	YTSP28	Silver gray	10-60 μ m
YTM35	Flash purple copper	20-80 μ	YTSP29	Russet	10-60 μ m
YTM50	Flashing brass	10-125 μ	YTSP30	China blue	10-60 μ m
YTM51	Flashing copper	10-125 μ	YTSP31	Pearl silver	10-60 μ m
YTM52	Flashing red copper	10-125 μ	YTSP32	Violet	10-60 μ m
YTM53	Flashing cyan bronze	10-125 μ	YTSP33	Purple rugose rose	10-60 μ m
YTM54	Flashing metal red	10-125 μ	YTSP34	Brownish red	10-60 μ m
YTM55	Flashing purple copper	10-125 μ	YTSP35	Imperial green	10-60 μ m
YTM80	Diamond brass	40-200 μ	YTSP36	Pink meat color	10-60 μ m
YTM81	Diamond bronze	40-200 μ	YTSP37	Color of skin	10-60 μ m
YTM82	Diamond red copper	40-200 μ	YTSP38	Nacarat	10-60 μ m
YTM83	Diamond cyan copper	40-200 μ	YTSP39	Apple green	10-60 μ m
YTM84	Diamond metal red copper	40-200 μ	YTSP40	YongGu purple	10-60 μ m
YTM85	Diamond purple copper	40-200 μ	YTSP41	Purple	10-60 μ m
			YTSP42	White	10-60 μ m
			YTSP43	Lazurite	10-60 μ m
YTMR series					
YTMR05A	Magic deep gold	10-60 μ	YTSP44	Red gold	10-60 μ m
YTMR05	Magic gold	10-60 μ	YTSP45	Purplish red	10-60 μ m
YTMR15	Magic red	10-60 μ	YTSP46	Flash silver	10-60 μ m
YTMR17	Magic copper	10-60 μ	YTSP47	Platina	10-60 μ m
YTMR19	Magic purple	10-60 μ	YTSP48	Magic red	10-60 μ m
YTMR24	Magic purple orchid	10-60 μ	YTSP49	Magic gold	10-60 μ m
YTMR25	Magic blue	10-60 μ	YTSP50	Magic purple	10-60 μ m
YTMR35	Magic green	10-60 μ	YTSP51	Magic blue	10-60 μ m
YTMR01	Magic fine gold	5-25 μ	YTSP52	Magic green	10-60 μ m
YTMR11	Magic fine red	5-25 μ			
YTMR23	Magic fine purple	5-25 μ	YTWC series		
YTMR21	Magic fine blue	5-25 μ	YTWC01	Gold-orange-red	10-1000 μ
YTMR31	Magic fine green	5-25 μ	YTWC02	Gold-red-purple	10-1000 μ
YTMR49	Magic flash gold	20-125 μ	YTWC03	Red-purple-blue	10-1000 μ
YTMR59	Magic flash red	20-125 μ	YTWC04	Purple-blue-bluegreen	10-1000 μ
YTMR69	Magic flash purple	20-125 μ	YTWC05	Bluegreen-green-gold	10-1000 μ
YTMR89	Magic flash blue	20-125 μ	YTWC06	Green-purple-red	10-1000 μ
YTMR99	Magic flash green	20-125 μ	YTWC07	Blue-purple	10-1000 μ
YTMR50	Magic diamond gold	40-200 μ			
YTMR60	Magic diamond red	40-200 μ			
YTMR80	Magic diamond purple	40-200 μ			
YTMR90	Magic diamond blue	40-200 μ			
YTMR100	Magic diamond green	40-200 μ			

REFLECTIVE PIGMENTS

Model	Color	Particle Size
RPW-1	White	200 - 400mesh
RPG-1	Gray	200 - 400mesh
Refractive index	≥ 2.2	
Rate of opacity	$\leq 1\%$	
Rate of the whole roundness	$\geq 95\%$. Retro-reflective	

Product characteristics	Good fluidity, pure color, high transparency, high temperature, high level of antioxidant, good reflective effect.
Reflective powder application	Reflective ink, reflective paint, traffic signs, reflective materials, reflective fabric, reflective film, reflective coatings, reflective signs, advertising materials, clothing materials, the standard field runway, shoes, hats, bags, life-saving supplies and so on.

THERMOCHROMIC PIGMENTS

Model	Color	Pantone Number	Activation Temperatures
TP-446C	Black	446C	5C; 16C; 31C; 45C; 65C
TP-5C	Black	5C	5C; 16C; 31C; 45C; 65C
TP-1935C	Red	1935C	5C; 16C; 31C; 45C; 65C
TP-032C	Red	032C	5C; 16C; 31C; 45C; 65C
TP-234C	Rose	234C	5C; 16C; 31C; 45C; 65C
TP-072C	Dark Blue	072C	5C; 16C; 31C; 45C; 65C
TP-301C	Marine Blue	301C	5C; 16C; 31C; 45C; 65C
TP-3275C	Grass Green	3275C	5C; 16C; 31C; 45C; 65C
TP-350C	Blackish Green	350C	5C; 16C; 31C; 45C; 65C
TP-321C	Malachite Green	321C	5C; 16C; 31C; 45C; 65C
TP-343C	Green	343C	5C; 16C; 31C; 45C; 65C
TP-171C	Orange	171C	5C; 16C; 31C; 45C; 65C
TP-102C	Yellow	102C	5C; 16C; 31C; 45C; 65C
TP-136C	Yellow	136C	5C; 16C; 31C; 45C; 65C
TP-213C	Peach	213C	5C; 16C; 31C; 45C; 65C