

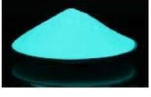

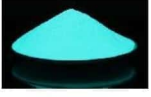





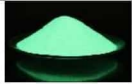

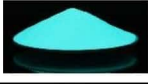



PLE-P Photoluminescent pigment

(Long afterglow glow in the dark powder)

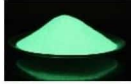

Model	Size (D50)um	AFTERGLOW INTENSITY mcd/			Glowing color	Appearance (Daytime)			
		10 min	60 min	Glow time					
PLE-P-Z-6B	65~85	725	120	>12 hour	 Yellow-green	 Light-yellow			
PLE-P-Z-6C	45~55	480	85						
PLE-P-Z-6D	25~35	380	55						
PLE-P-Z-6E	5~15	280	39						
PLE-P-Z-6F	2~10	240	30						
PLE-P-Z-4B	65~85	640	105						
PLE-P-Z-4C	45~55	450	70						
PLE-P-Z-4D	25~35	320	42						
PLE-P-Z-4E	5~15	220	29						
PLE-P-Z-4F	2~10	190	23						
PLE-P-Z-2C	55~75	350	40						
PLE-P-Z-2D	15~45	250	32				10hour		
PLE-P-Z-1C	55~75	260	35						
PLE-P-Z-1D	15~40	200	25	>12 hour	 Blue-green	 Light-yellow			
PLE-P-M-5B	65~85	700	120						
PLE-P-M-5C	45~55	480	85						
PLE-P-M-5D	25~35	360	58						
PLE-P-M-5E	5~15	260	38						
PLE-P-M-4B	65~85	630	110				 Blue-green	 Light-white	
PLE-P-M-4C	45~55	440	75						
PLE-P-M-4D	15~35	320	50						
PLE-P-M-4E	5~15	220	30						
PLE-P-M-3C	55~75	400	55						
PLE-P-M-3D	15~45	280	35						10hour
PLE-P-M-1C	55~75	260	38						
PLE-P-M-1D	15~40	200	23	3hour	 purple	 White			
PLE-P-F-6C	45~75	28	5						
PLE-P-F-6D	15~45	19	3.5	8hour	 Blue	 white			
PLE-P-M-9B	65~85	260	22						
PLE-P-M-9C	45~55	220	18						
PLE-P-M-9D	25~35	180	15						
PLE-P-M-9E	5~15	140	12						
PLE-P-M-8D	15~50	150	13	6hour					

PLE-PI Photoluminescent sand

Model	Size D ₅₀ mm	AFTERGLOW INTENSITY mcd/		Glow time	Glowing color Night	Appearance Daytime
		10min	60min			
PLE-PI-Z-6A	0.5~2	1050	145	>12hr		
PLE-PI-Z-6BA	0.15-0.3	910	140			
PLE-PI-Z-4A	0.5~2	950	115			
PLE-PI-Z-4BA	0.15-0.3	820	110			
PLE-PI-M-5A	0.5~2	880	145			
PLE-PI-M-5BA	0.15-0.3	790	140			
PLE-PI-M-4A	0.5~2	770	130			
PLE-PI-M-4BA	0.15-0.3	700	120			

PLE-P series: This series photoluminescent pigment is made of alkaline earth aluminate. The chemical formula: $\text{Al}_x\text{Sr}_y\text{Ca}_{(1-y)}\text{O}_z$: Eu Dy

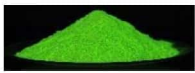









PLE-PY Series Photoluminescent Pigment list

Model	Size (D50) um	Afterglow intensity mcd/		Glowing color Night	Appearance Daytime
		10min	60min		
PLE-P-Z-8CY	50~65	120	20		
PLE-P-Z-8DY	25~35	90	15		
PLE-P-Z-8EY	5~15	60	10		

PLE-PY Luminance test conditions: D65 standard light source at 25LX luminous flux density for 15min of excitation. PLE-PY series photoluminescent pigments are made from alkaline earth strontium aluminate, which present themselves in light yellow and whose luminance colors is yellow green. MH-Y photoluminescent pigment features quick light absorption and easy excitation, always recommended to use in these area range with low illumination level, such as tunnel, underground garage, submarine and so on.

PLE-PS Photoluminescent pigment











(sulphide Photoluminescent pigment)

Model	Size (D50) um	Afterglow intensity mcd/		Glowing color Night	Appearance Daytime
		10min	60min		
PLE-PS-Z-4D	10~30	40	4		
PLE-PS-C-4D	20~50	20	1		
PLE-PS-O-4D	20~50	22	1		
PLE-PS-B-4D	15~45	170	27		
PLE-PS-OB-4D	10~45	25	1.2		

PLE-PS series: It is sulfide Photoluminescent material. The chemical formula: $\text{M}_x\text{O}_y\text{S}_z$:Eu Ln or ZnS:Cu.

PLE-PN Photoluminescent pigment

(Daytime Appearance: neon color)

Model	Size (D50) um	Afterglow intensity mcd/		Glowing color Night	Appearance Daytime
		10min	60min		
PLE-PN-C-4D	25~35	180	26		
PLE-PN-Z-4D	25~35	170	24		
PLE-PN-ZE-4D	25~35	200	28		
PLE-PN-O-4D	25~35	180	26		
PLE-PN-M-4D	25~35	140	20		

PLE-PN series: This series Photoluminescent pigment by dyeing process on base of PLE-P series.

Remarks: 2017

1. Measurement according to Din 67 510 Part 1; 1000lux,10min
2. To pay extra on PLE-P, PLE-PN type powders above for encapsulated for water based application(PLE-P-W, PLE-PN-W).
3. Normal packing: 1kg each plastic or 25 kgs each plastic pail.