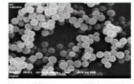
Phosphor For LED



Nano Phosphor Powder



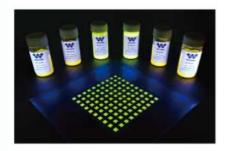
Composition YAG, LuAG Particle Size 450~550nm Peak Wavelength 510~550nm

Ceramic Phosphor Plate



Composition YAG, LuAG with additives Theoretical Density 100~1000 MICRO Thickness circle, square, donut, etc





WOOSUK Advanced materials Div.

Since 2012, Woosuk started in manufacturing inorganic materials and we are focusing to develop new advanced technologies and to introduce various products continuously.

Woosuk is renowned as a role model of inorganic material industry for its achievement in providing great quality products and new advanced materials in the market.

Woosuk Advanced Material Department devoted itself to the fields of inorganic material Phosphor by continuous researching and development. Supporting technology by analysis equipments facilitate not only producing high quality Nano Phosphor but its application of Ceramic Plate.

If there is ever anything that we can do better meet your needs, we continue to develop and introduce new advanced materials.

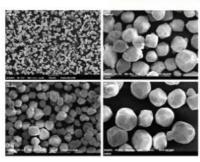




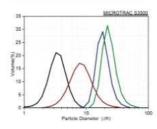
Garnet-based Phosphor Powder

Customized Phosphor powders are available





	SyzeOntribution	D _{te}	D _m	Dec
Fine Size	Number (set	0.3	0.4	0.8
	Volume (yel)	0.6	33	55
	SizeOetribution	D _{to}	D _{ec}	Dec
Small Size	Number [m]	9.1	5.1	8.0
	Volume [ref	4.0	7.4	11.4
Standard	SizeCentritiumon	Ω_{to}	D _{so}	Ope
	Number (m)	0.6	12.3	16.9
	Volume [m]	10.9	15.0	21.9
Big Size	SavOsarthuson	O _{re}	D _{so}	D
	Number Lint	15.0	19.6	26.5
	Volume [m]	17.3	23.0	33.1



Ceramic Phosphor Plate

According to our unique advanced technology of mixing & sintering materials, introducing the nano-sized garnet phosphor(YAG, LuAG Doped with activators) materials.

Technical Characteristics

- High crystallized
- High uniformity
- Low and quick sintering temperature
- Intimacy with inorganic chemical addictive
- Granule for high density & low porosity ceramics





Sintered YAG surface

Polished YAG product

Applications

- Conformal coating for LED
- Converting ceramics for LED
- Converting ceramics for laser

