

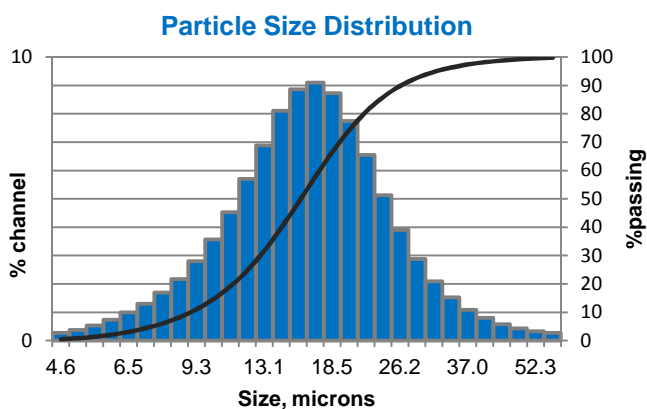
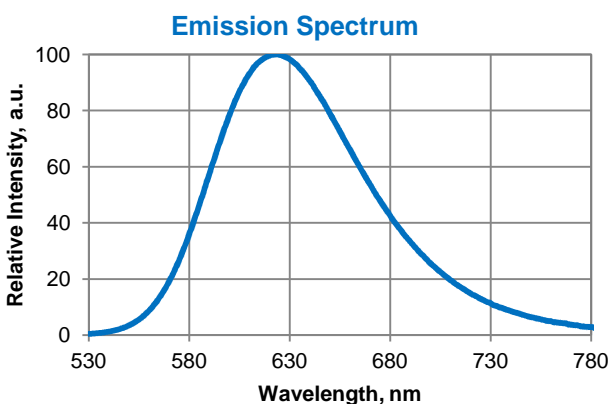
DATASHEET

XR6436-03

Product Description and Application:

- XR6436 red nitride phosphor is a unique composition designed for high power LEDs with high junction temperature, such as 1-10W packages or high power arrays.
- XR6436 phosphor maintains the consistent brightness and color required for products with long lifetimes even under high luminous flux, such as lighting or large area displays.
- While the performance is uniquely robust, XR6436 phosphor is perfectly compatible in blends with Intematix yellow and green phosphors to produce high CRI white light.

Intematix phosphor compositions are protected by numerous US and world wide patents.



Material Specifications:



Product Family	Nitride
Density	3.1 g/cm ³
Particle Size	D50V ~ 15µm
CIE (1931)	x=0.637, y=0.362
Emission	622nm
Excitation Range	200nm to 610nm

*This data is sample data from an Engineering Sample and is for reference only. For more information, contact Intematix.

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