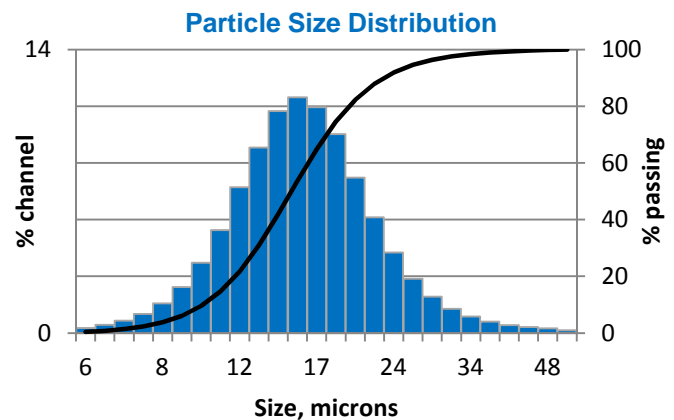
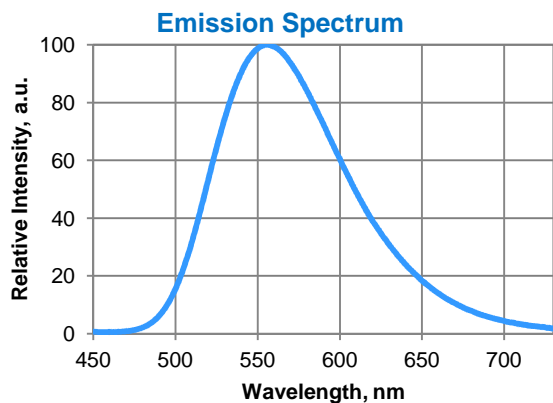


# DATASHEET

## Y4254-02-16

### Product Description and Application:

- Y4254-02-16 silicate phosphor is designed to improve ease of use in white LED packaging. The low cohesion results in a uniform dispersion in liquid encapsulants, reducing LED CIE distribution.
- Y4254-02-16 can be used in combination with other silicate products for color tuning and to achieve a broader emission spectrum. It can be excited by a wide range of wavelengths from blue to near UV enabling use of high efficiency LED chips (440nm to 450nm).
- White LEDs made with Y4254-02-16 can be used for low and medium power applications for display backlighting, general and task lighting, camera flash, signage, decoration, and automotive applications.



### Material Specifications:



<b>Materials</b>	<i>Eu doped Silicates</i>
<b>Density</b>	<i>4.7 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50V ~ 16µm</i>
<b>CIE (1931)</b>	<i>x=0.424, y=0.547</i>
<b>Emission Peak</b>	<i>558nm</i>
<b>Excitation Range</b>	<i>200nm to 490nm</i>

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