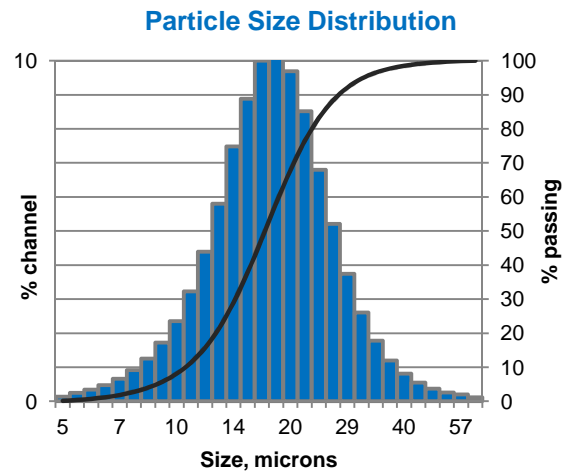
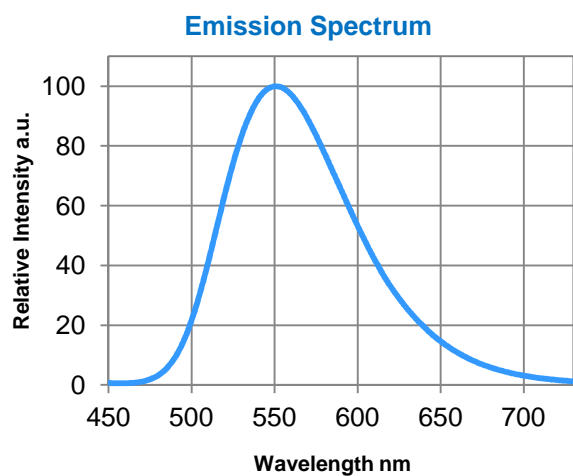


DATASHEET

O5544

Product Description and Application:

- O5544 phosphor is designed for Purple, Pink, and Orange illumination devices, and is one of the components in warm white applications.
- High efficiency is achieved in the wavelength ranging from 200nm to 520nm.
- High brightness orange LEDs using this phosphor can be used for illumination, signals, signage and decoration.



Material Specifications:



Materials	<i>Eu doped Silicates</i>
Density	4.76 g/cm^3
Particle Size	$D50 (V) \sim 15\mu\text{m}$
CIE (1931)	$x=0.553, y=0.440$
Emission Peak	590nm
Excitation Range	200nm to 560nm

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