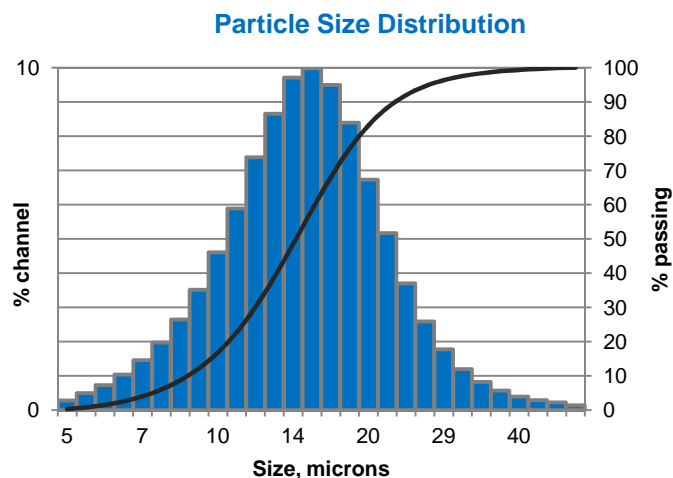
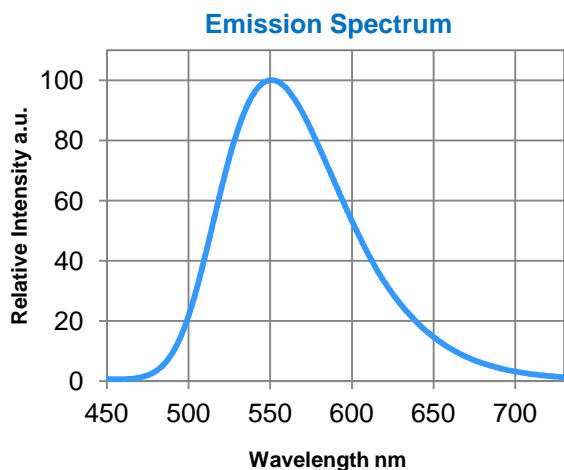


DATASHEET

O5742

Product Description and Application:

- O5742 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 540nm.
- 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	<i>4.67 g/cm³</i>
Particle Size	<i>D50 (V) ~ 15µm</i>
CIE (1931)	<i>x=0.576, y=0.417</i>
Emission Peak	<i>600nm</i>
Excitation Range	<i>200nm to 580nm</i>

INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538
Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

Sales@intematix.com
www.intematix.com