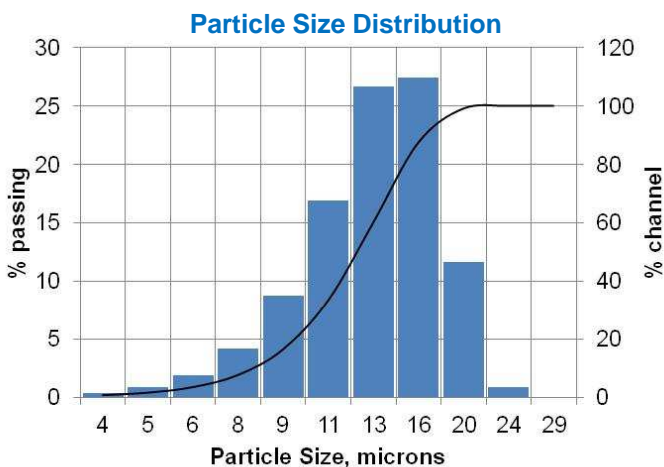
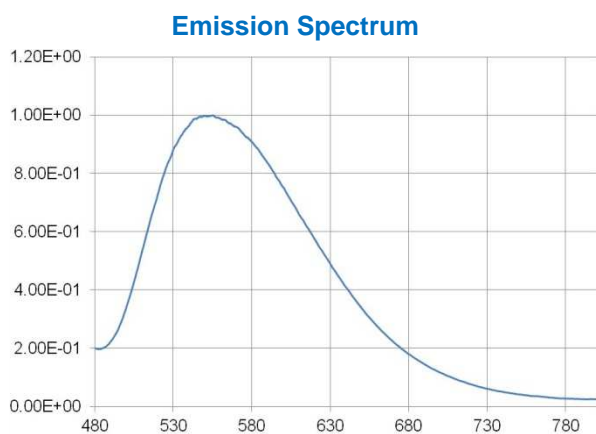


## GAL555-02-13

### Product Description and Application:

- GAL555 yellow phosphor has a broad emission spectrum designed for general lighting and display backlighting applications where high brightness is a key requirement.
- GAL555 can also be blended with Intematix red nitrides in either cool white or warm white blends to enhance efficacy.
- GAL555 yellow phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors.

**Intematix GAL® phosphor composition is protected by US Patent 8,475,683.**



### Material Specifications:



<b>Product Family</b>	<i>Aluminates</i>
<b>Density</b>	<i>6.0 g/cm<sup>3</sup></i>
<b>Particle Size</b>	<i>D50V ~ 14µm</i>
<b>CIE (1931)</b>	<i>x=0.431, y=0.540</i>
<b>Emission Peak</b>	<i>555nm</i>
<b>Excitation Range</b>	<i>200nm to 480nm</i>

*For more information about Intematix phosphors please contact your local sales representative.*

## INTEMATIX

46430 Fremont Boulevard • Fremont, CA 94538

Tel: +1 (510) 933-3300 • Fax: +1 (510) 668-0793

[Sales@intematix.com](mailto:Sales@intematix.com)

[www.intematix.com](http://www.intematix.com)