

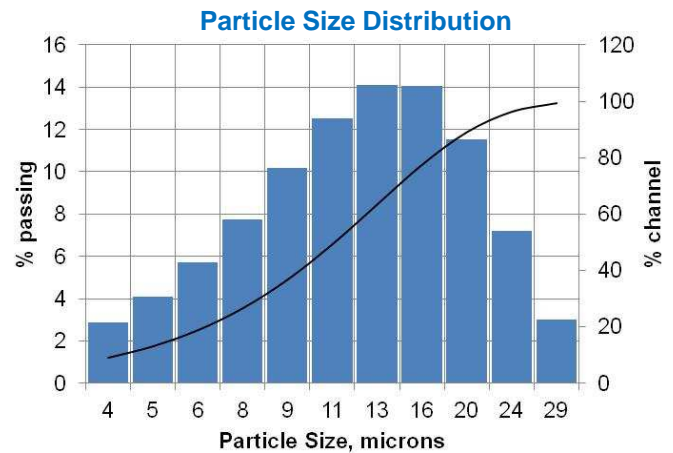
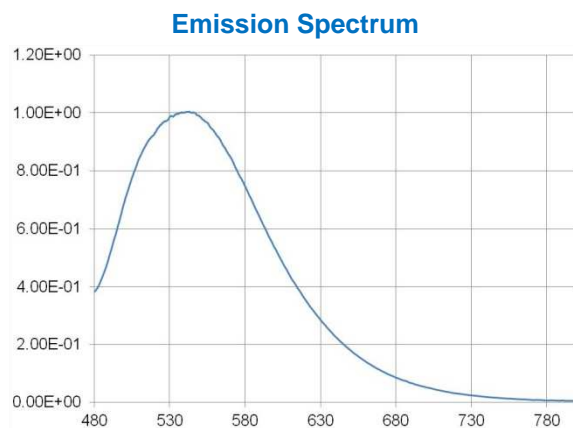
DATASHEET

GAL540

Product Description and Application:

- GAL540 green phosphor has a broad emission spectrum designed for general lighting applications and is excellent as a component in either cool white or warm white blends.
- The long lifetime and high thermal stability of GAL phosphors make them ideal for high power LED applications.
- Intematix aluminates enable 90+CRI in blends with their red nitrides.

Intematix GAL® phosphor composition is protected by US Patent 8,529,791.



Material Specifications:



Materials	<i>Aluminates</i>
Density	<i>6.0 g/cm³</i>
Particle Size	<i>D50V ~ 11µm</i>
CIE (1931)	<i>x=0.372, y=0.564</i>
Emission Peak	<i>540nm</i>
Excitation Range	<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
www.intematix.com