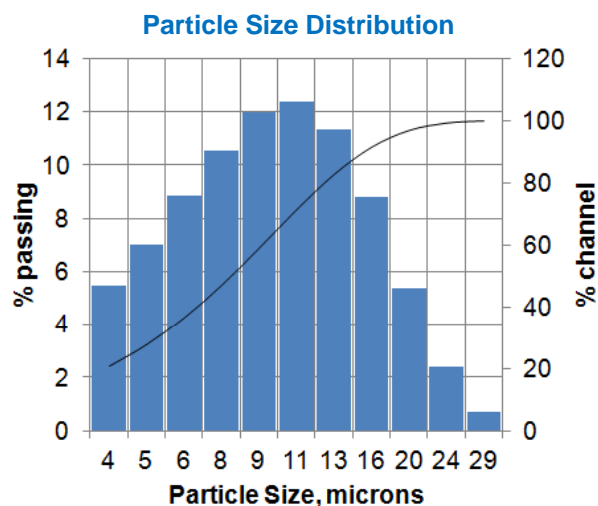
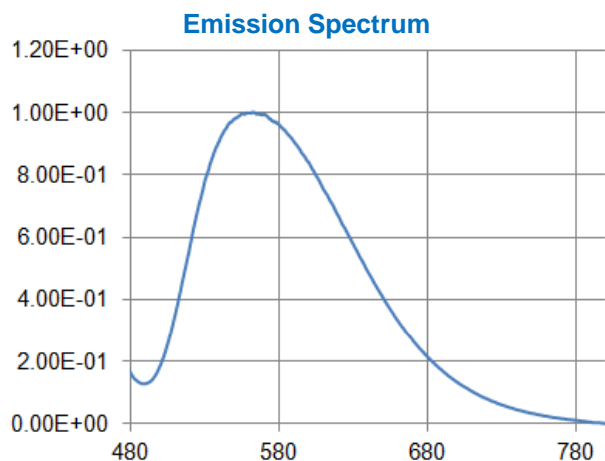


DATASHEET

NYAG4653-S

Product Description and Application:

- NYAG4653-S phosphor is yttrium aluminum garnet based (YAG) phosphor designed for white illumination devices.
- NYAG4653-S is ideal for use with long wavelength blue pump engines, and is a single solution for your cool white displays and offers a >70% NTSC. For a warmer white, blend with Intematix Red Nitride phosphors.
- This phosphor offers superb brightness, with its small uniform particle size.



Material Specifications:



Materials	Ce doped YAG
Density	4.8 g/cm ³
Particle Size	D50V ~ 8µm
CIE (1931)	x=0.458, y=0.526
Emission Peak	562nm
Excitation Range	430nm to 490nm

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

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