ADA4607—Blue Fluorescent Organic Pigment

Description

Organic pigment—this pigment has a high aqeuous and thermal stability, but can be destroyed through any further reduction in particle size (shearing or milling). Exposure to acids may cause product degradation.

Product Properties

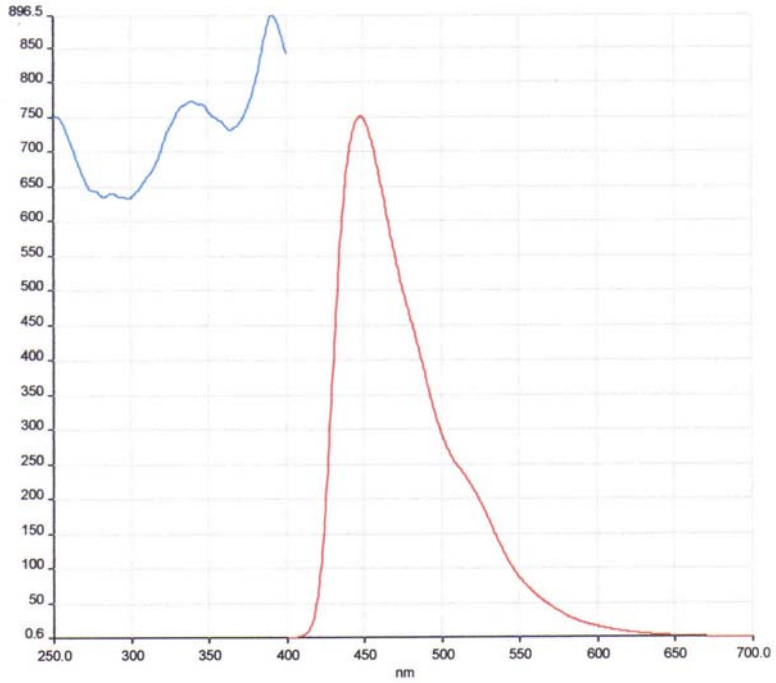
Composition and Appearance:	**87% (w/w) Organic pigment (NaCl salt)** **Yellow Powder**
Ash:	**negligible**
Volatiles:	**negligible**
Melting point:	**> 305 °C**
Fluorescence Emission (λ_{max}):	**448 nm**
Excitation (λ_{max}):	**365 nm**
Particle size (Microtrac X-100:	**d_{10} = min. 1.4 µ, d_{50} = max. 14.9 µ, d_{95} = max. 60 µ**
Lightfastness:	**Poor**

Solubility

Soluble: Water (completely soluble) **Partially Soluble: Acetone, EtOAc, EtOH**

Excitation (left) and Emission Spectrum (right)

(2% w/w in H_2O)



All applications using this product should be thoroughly tested prior to approval for production.

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