



The functional color company®

# ARALON® FB220

## ARALON® FB220

### in short:

- \* ARALON® FB220 has excellent purity and color brightness properties.
- \* Specific high purity for inkjet inks.
- \* Specific high purity for marking applications
- \* Very high solubility in water (29% at 25 °C).
- \* Utilized in coloring Viscose, cotton, paper and polyamide
- \* For hazard information refer to the material safety data sheet.

**INKJET INKS**  
**RESINS COLORATION**  
**LEAK DETECTION**  
**MARKING & IDENTIFICATION**

## Identification

Chemical Type	Stilbene
Color Index N°	40623
Color Index name	Fluorescent Brightener 220
Shade	Bright UV BLUE
Appearance	Yellow Powder
Molecular formula	C <sub>40</sub> H <sub>44</sub> N <sub>12</sub> O <sub>16</sub> S <sub>4</sub> Na <sub>4</sub>
Molecular weight	1168,2
Fluorescence max (0,001% in ethanol)	432 nm

## Packaging

<b>Package</b>
1 box = 5 kg
1 box = 10 kg
1 box = 20 kg

## Registration

EINICS	240-521-2
CAS	16470-24-9
Regulatory Listing	Australia, Canada, China, Korea, Japan and Philippines
REACH	PREREGISTERED

Any given technical information is given on a purely informative basis. ARALON cannot give any warranty for a particular use.



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## About ARALON:

Today, ARALON – The NEW supplier of daylight fluorescent and functional pigments. Development, manufacturing and marketing of pigments for the paints & coatings (ARACO products), plastics (ARAPLAST), aerosols (ARASOL), and printing inks (ARAPRINT) industries only commenced in 2013 at its greenfield construction in 56412 Heiligenroth, Germany, half-way between Cologne and Frankfurt. ARALON's strengths are apparent in three key areas:

- State-of-the-art encapsulation technology coupled with modern and efficient manufacturing assets and lean operations capable of delivering best-in-class fluorescent pigments at competitive cost.
- Unique fluorescent ARAPLAST-melting pigments permitting coloration of thin olefin based films in single and multilayer packaging.
- Next generation ARAGEN-chemistry enabling unprecedented light stability of formaldehyde-free fluorescent pigments without compromising other performance attributes.

*ARALON wants to surprise with best-in-class products, innovations that matter and prices hard to ignore – TRY US!*

## ARALON, What is behind the name and the logo?

ARALON was created as a name for our company based on the ARA, which is kind of colorful parrot. The wonderful and bright colors of the parrot's feathers are the result of light refraction through nano-sized holes in the natural polymer structure of the parrot feathers. Depending on the hole size and the number of feather layers results in an unlimited number of bright and colorful shades of light, seen by our eyes as being the color of the feathers themselves.

This has, for our company, a relevance of many kinds. Initially the brightness and purity of the parrot's colors is similar, but often less when compared to the brightness and purity of our fluorescent colors. Further, the colors of the feathers were created in completely natural way, which is for our R&D development, an orientation for the future horizons of the company.

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