



Blue HLF 7015

Solvent Soluble Dye

Shade vs Concentration

(Approximate color for aqueous applications in clear solutions*)



low medium heavy

Data and Properties

Chemical class: copper phthalocyanine
 Light fastness: very good - excellent
 Decomposition temperature: 216°C, 421°F
 Light stability: excellent, ISO 7-8
 Heat stability: 30 min @ 180°C, 356°F
 Pure Dye Content: ≥90% by weight
 Melting Point: >350°C, 662°F
 Physical form: powder
 Bulk density: variable, typically 0.3 - 0.4 mg/cm³

Solubility Table

Acetone	90 g/l
Benzyl Alcohol	90 g/l
Ethanol	135 g/l
Ethyl Acetate	25 g/l
Hydrocarbons	Insoluble
Isopropyl Alcohol	20 g/l
Methanol	135 g/l
1-methoxy-2-propanol	100 g/l
Methyl Ethyl Ketone	135 g/l
Water	8 µg/l

Stability

Sodium hydroxide (1.0%)	5
Sulfuric acid (5.0%)	5
Stearic Acid	5
Paraffin wax	5
Migration - polyethylene	4
Migration - cellulose acetate	4
Migration - plasticized PVC	3

5: Excellent 4: Very good 3: Good
 2: Fair 1: Poor

Identification

Color Index Generic Name:	Solvent Blue 67
CAS Number	81457-65-0
Alternate CAS Number	12226-78-7
EC (EINECS) Number	279-767-0
Alternate EC (EINECS) Number	602-443-0
PubChem SID	135283021
Annex I Index No.	

TSCA Name: 1

Description: A copper phthalocyanine dye soluble in alcohols, lacquers and polar organic solvents. This dye has excellent light fastness, transparency and above average chemical resistance.

Common Applications

Wood Stains having high fade resistance and transparency
 Printing inks (ballpoint, flexographic, gravure and offset inks)
 Printing on aluminum foils
 - compatible with Nitrocellulose, vinyl, shellac, epoxy, & polyamide binders
 Inks for thermoplastic and thermosetting resins
 Coloring metallized polyester films
 Chemical Compounding
 High lightfast transparent colorant for plastics
 Plastics
 Leather finishes

Standard Packaging

1-lb jar 5-lb jar 25-lb pail 100-lb drum

Storage & Handling

Storage: Store in a closed container in a dry environment.
Shelf Life: 5 years before retest.

Transportation

DOT/IATA/ADR/RID/ADN/IMDG: Not Regulated

* Disclaimer: For use in alcohols and polar organic solvents where good light fastness is required. This dye exhibits above average light fastness but cannot be guaranteed in all applications. It is essential that thorough testing be completed on a sample basis before proceeding to use this dye on a production level. To our best knowledge, the information and recommendations contained herein are accurate and reliable. However, this information and our recommendations are furnished without warranty, representation, inducement, or license of any kind, including, but not limited to, the implied warranties of merchantability and fitness for a particular use or purpose. Customers are encouraged to conduct their own tests and to read the available product literature carefully before using this product.

