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## Direct Yellow R



**Direct yellow R** is a kind of direct dyes ,which has appearance of brown uniform powder. Soluble in water, slightly soluble in fibrinolysin.

XCWY is focusing on the production and development of direct yellow R for more than 20 years, and now enjoy good reputation for its reliable quality & competitive prices.



## Direct Yellow R Specification

» **Product name:** Direct yellow R

» **Type:** Direct dyes

» **C.I. NO.:** 40000

» **CAS NO.:** 1325-37-7

» **MF:** C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>7</sub>S<sub>2</sub>

## Direct Yellow R Information

Basic Information	
Product Name	Direct yellow R
Colour Index	C.I. Direct yellow 11
Colour Index No.	40000
CAS No.	1325-37-7
Specification	
Shade	Similar With Standard
Strength	100%
Appearance	Brown even powder
Moisture %?	7
Insoluble Matter %?	1
Properties	Very soluble in water and alcohol

## Direct Yellow R Physical Properties

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Direct yellow R is a direct dye in powder, the color is mostly brown, when it dissolves in water, the color is yellow with reddish shade, and dark red in concentrated sulfuric acid, diluted to dark yellow (sometimes brown precipitation); this dye has a high affinity for cellulose fibers; it is often used for some fiber products.

### **The Dyeing Characteristics of Direct Yellow R:**

1. The solubility of direct yellow R varies with temperature and the solubility also varies. Direct dyes contain water-soluble groups, and their solubility increases significantly with the increase of temperature.
2. The dyeing effect of direct dyes is better for dyes with high cellulose content. Due to the large molecular weight, linear molecular structure and better symmetry of direct dyes, so direct yellow R has higher direct effect on cellulose fibers than other dyes.
3. The reaction effect of direct dyes with soft water is better. Direct yellow R is not resistant to hard water, most of it can combine with calcium and magnesium ions to form insoluble precipitation, which makes the dyed fabrics produce have stains, so the use of soft water solution is better.

XCWY--Largest manufacturer of Rhodamine in China, is ready to provide best quality with best price.

***Yeah ! Add Some Color To Your Life ! XCWY Dyes Welcome your contact !***

**Contact person: Miss Jessie Geng**

**Email: [jessie@xcwychem.com](mailto:jessie@xcwychem.com)**

**Mobilephone/Whatsapp: +86-13503270825**

Product link : <https://www.xcwydyes.com/direct-yellow-r.html>