

# Technical Data Sheet

(for coatings & inks)

## Pigment Yellow 12 TCY01201



TRUST CHEM  
信凯化工

### General Information

Color index:	C.I. Pigment Yellow 12 (C.I.21090)
Product code:	TCY01201
CAS No.:	6358-85-6
EC No.:	228-787-8
TSCA inventory:	Listed
Molecular formula:	C <sub>32</sub> H <sub>26</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>
Chemical class:	Diarylide
Recommended application:	Printing Inks, etc.

### Physical & Properties

Appearance:	Yellow powder
Specific gravity (water=1):	1.30~1.50
Specific surface (m <sup>2</sup> /g):	10~40
Bulk volume (l/kg):	3.4~3.8
Average particle size (nm):	100~200
Oil absorption (g/100g):	30~55

### Fastness Data (1~5 Scale Except Light Fastness Where 1~8 Scale)

Light (Full shade)*:	3
Light (Reduced tinting)*:	2
Ethanol:	4
Ethyl acetate:	3~4
MEK:	4
Toluene:	3~4
White spirit:	4
DBP:	4
Paraffine:	4
Butter:	3~4
Soap:	4
Alkali:	4
Acid:	4~5
Heat stability (Full shade, 10min)*:	160°C

### Note

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.

\* When our products are recommended to be used in coatings and inks at the same time, these data come from coatings system.

Date of issue: February 1, 2021  
TDS version 6.0  
Page 1 of 1

#### P.R.CHINA

##### Trust Chem Co.,Ltd.

No.1069 Donglian Street, Cangqian Sub-district,  
Yuhang District, Hangzhou 311121 China  
Tel:+86-571-81957777 Fax:+86-571-81957500

#### EUROPE

##### Trust Chem Europe B.V.

Bergpoortstraat 65  
NL-7411 CL Deventer, The Netherlands  
Tel: +31-570-662699 Fax: +31-570-662698

#### U.S.A.

##### Trust Chem USA LLC.

4 Office Park, Pod2, Suite 230, Palm  
Coast FL 32137  
Tel: 386-302-5925 Fax: 386-246-2984