

Diarylide Yellow 13

TC Code: TCY01302**TRUST CHEM**
信凯化工

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Pigment Yellow 13 (C.I.21100)

EINECS No.: 255-822-9 CAS No. : 5102-83-0

Recommended Applications

LL/LDPE	R	HDPE	NR	PP	NR	PP-fibers	NR	PVC-S	R	PVC-R	R
PS	NR	ABS	NR	Koblend	NR	Styrolux	NR	POM	NR	PMMA	NR
PA 6	NR	PC	NR	PET	NR	Rubber	R				

Note : **R = Recommended** **PU = Potential Use** **NR= Not Recommended**Physical & Chemical Properties

Appearance	Yellow powder
Specific gravity (water=1)	1.25~1.45
Specific surface (m ² /g)	30~60
Bulk volume (l/kg)	3.4~3.8
Average particle size (nm)	100~200
Oil absorption (g/100g)	30~60

Solvent Resistance Data (1~5 Scale)

Ethanol	4
Ethyl acetate	4
MEK	4
Toluene	3~4
White spirit	3~4
DBP	4~5
Paraffine	4~5
Alkali	5
Acid	5

Fastness Properties in PE

% Pigment	0.05% Pig.	0.2% Pig.	1/10 parts. Pig./TiO ₂
Light Fastness DIN 53887-54004	7	7	6
Migration DIN 53775	4~5	4~5	4~5

Heat Resistance

% Pigment	0.025%	0.05%	0.1%
DIN 53772	200°C	200°C	200°C

Food, Toy and Packaging Compliance

	Listed	Purity Compliant
Germany: BFR		x
French Positive List		
Italy		x
USA: FDA		
European Toy Norm 71-3		x
AP(89)1		x
94/62/EC (CONEG)		x
RoHS		x

Note: **x =compliant**CONTACT

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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.