



Diarylide Yellow 83

TC Code: TCY08301

Pigment Yellow 83 (C.I.21108)

Edition Sep.1, 2009

EINECS No.: 226-939-8 CAS No. : 5567-15-7

Recommended Applications

LL/LDPE	PU	HDPE	PU	PP	PU	PP-fibers	PU	PVC-S	R	PVC-R	PU
PS	NR	ABS	NR	Koblend	NR	Styrolux	NR	POM	PU	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)	1.35~1.55
Specific surface (m ² /g)	50~80
Bulk volume (l/kg)	2.8~3.3
Average particle size (nm)	40~100
Oil absorption (g/100g)	30~60

Solvent Resistance Data (1~5 Scale)

Ethanol	4~5
Ethyl acetate	4
MEK	4
Toluene	4
White spirit	4~5
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	6	6~7	6~7
Migration DIN 53775	5	5	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

TRUST CHEM CO.,LTD.

#4 BUILDING, NO. 208 ZHENZHONG ROAD,
WESTLAKE ECONOMICS ZONE, HANGZHOU,
CHINA 310030

TEL: +86-571-81957777

FAX: +86-571-81957500

E-mail: trust@mail.hz.zj.cn

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.