



Phthalo Blue 15:3

TC Code: TCB15306P

Pigment Blue 15:3 (C.I.74160,β-)

EINECS No.: 205-685-1

CAS No. : 147-14-8

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Recommended Applications

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

Note : **R = Recommended** **PU = Potential Use** **NR= Not Recommended** **- =Not Available**

Physical & Chemical Properties

Appearance	Blue powder
Specific gravity (water=1)	1.50~1.70
Specific surface (m ² /g)	40~70
Bulk volume (l/kg)	2.2~2.8
Average particle size (nm)	50~150
Oil absorption (g/100g)	30~60

Solvent Resistance Data (1~5 Scale)

Ethanol	5
Ethyl acetate	5
MEK	5
Toluene	5
White spirit	5
DBP	5
Paraffine	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	8	8	8
Migration DIN 53775	5	5	5

Heat Resistance

% Pigment	0.025%	0.05%	0.1%
DIN 53772	280°C	280°C	280°C

Food, Toy and Packaging Compliance

	Listed	Purity Compliant
Germany: BfR		x
French Positive List	x	
Italy		x
USA: FDA	x	
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.