



# PT **BEHRINDOTAMA BUANA**

*Supplier of Industrial & Specialty Chemicals*

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(for plastics)

## Pigment Red 53:1 TCR53101L

General information				Physical & Properties	
Color index	C.I. Pigment Red 53:1 (C.I.15585:1)			Appearance	Red powder
Product code	TCR53101L			Specific gravity (water=1)	1.70~1.90
CAS No.	5160-02-1			Specific surface (m <sup>2</sup> /g)	40~70
EC No.	225-935-3			Bulk volume (l/kg)	3.0~3.5
Molecular formula	C <sub>34</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub> Ba			Average particle size (nm)	100~200
Chemical class	β-naphthol, Ba			Oil absorption (g/100g)	30~60
Recommended Applications				Solvent Resistance Data (1~5 Scale)	
LL/LDPE	R	POM	NR	Ethanol	4
HDPE	R	PMMA	PU	Ethyl acetate	4~5
PP	R	PA 6	NR	MEK	4~5
PVC-S	R	PC	R	Toluene	4~5
PVC-R	PU	PET	NR	White spirit	4~5
PS	R	Rubber	R	DBP	4~5
ABS	R			Paraffine	4~5
Note : R = Recommended				Alkali	3
PU = Potential Use NR= Not Recommended				Acid	3
Fastness Properties					
% Pigment	0.05% Pig.		0.2% Pig.		1/10 parts. Pig./TiO <sub>2</sub>
Light fastness (ISO 4892)	2~3		4		2
Weather resistance	-		-		-
Migration (DIN 14469-4)	4~5		4~5		4~5
% Pigment	0.025% Pig.		0.05% Pig.		1/10 parts. Pig./TiO <sub>2</sub>
Heat resistance (DIN 12877)	220		230		240
Food, Toy and Packaging Compliance			Chemical Inventory Listing Status		
	Listed	Purity	Compliant		
French positive list				EINECS (Europe)	x
Italy				TSCA (America)	x
USA: FDA				DSL(Canada)	x
EN 71-3				AICS (Australia)	x
AP(89)1				ECL (Korea)	x
94/62/EC	x			MITI (Japan)	x
CONEG	x			NZIoC (New Zealand)	x
RoHS	x			IECSC (China)	x
Note: x =compliant				PICCS (Philippines)	x
				Note: x = listed	
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.					