



Red Lake C 53:1

TC Code: TCR53101

Pigment Red 53:1 (C.I.15585:1)

Edition Sep.1, 2009

EINECS No.: 225-935-3

CAS No. : 5160-02-1

Recommended Applications

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

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

Physical & Chemical Properties

Appearance	Red powder
Specific gravity (water=1)	1.70~1.90
Specific surface (m ² /g)	40~70
Bulk volume (l/kg)	3.0~3.5
Average particle size (nm)	100~200
Oil absorption (g/100g)	30~60

Solvent Resistance Data (1~5 Scale)

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

Fastness Properties in PE

% Pigment	0.05% Pig.	0.2% Pig.	1/10 parts. Pig./ TiO ₂
Light Fastness DIN 53887-54004	2~3	3	2~3
Migration DIN 53775	4~5	4~5	4~5

Heat Resistance

% Pigment	0.025%	0.05%	0.1%
DIN 53772	220℃	230℃	240℃

Food, Toy and Packaging Compliance

	Listed	Purity Compliant
Germany: BfR		
French Positive List		
Italy		
USA: FDA		
European Toy Norm 71-3		
AP(89)1		
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.