



济南海航化工有限公司  
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## TECHNICAL DATA SHEETS

C. I . NO: Solvent Black3

CAS NO: 4197-25-5

Chemical Structure : AZO

Shade: Black

Same product: Neptun Black X60 (BASF)

Keyplast Black 2B (KEY)

Storage Stability : 5 Years

### Physical/ Chemical Properties

1	Appearance	Black powder
2	Chromatism	$\Delta E \leq 1.0$
3	Color strength	$100 \pm 1\%$ vs standard
4	Water content	$\leq 1.0\%$
5	Ash content	$\leq 1.0\%$
6	Insoluble matter	$\leq 1.0\%$
7	Screen test(60 mesh)	$\leq 5.0\%$
8	Melting point	120°C
9	Heat resisting property	230°C
10	Light Fastness	6
11	Heavy Metal Content	Table

### Table Limit ppm

Cd	Cr VI	Hg	Pb	PBBs	PBDEs
10	10	10	10	10	10

### Solubility g/L 20°C

Acetone	Benzyl alcohol	Butyl acetate	methylbenzene
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8	1	10	6
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### Recommended Application

PET	⊗	PBT	○
PA-6	⊗	PA-66	⊗
PS	●	HIPS	●
ABS	○	SAN	●
PMMA	●	PC	⊗
POM	○	Printing Ink	●
Transparent Coating	●	Ball Pen Ink	●
● Recommended	○	⊗ Not Recommended	