



PK SERIES OF ALUMINUM DYES COLOUR ATLAS

SINCE 1993

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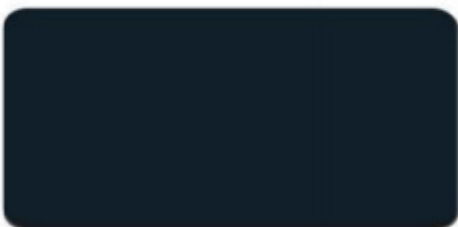
PK010(Black)



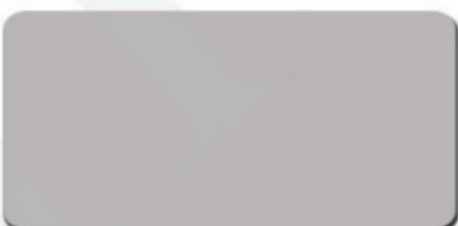
PK013(Black)



PK016(Black)



PK018(Black)



PK020(Black)



PK032(Black)



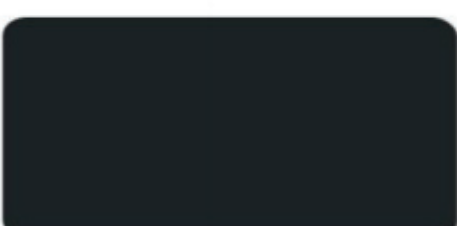
PK082(Black)



PK123(Black)



PK040(Grey)



PK042(Grey)



PK140(Red)



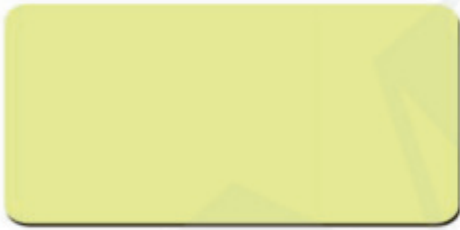
PK142(Red)



PK600(Red)



PK520(Yellow)



PK320(Orange)



PK330(Gold)



PK210(Bronze)



PK160(Green)



PK130(Blue)



Quality • Reputation • Green • Innovation

Product code	pH	UV ΔE Fastness (0.68W ² /M ,63°C,96H) 5g/L, except for the black dyes(10g/l)	Heat Fastness (200°C/2H)	Using concentration
PK010(Black)	5.0—6.0	1.18	Excellent	0.1-10g/L
PK013(Black)	5.0—6.0	0.43	Excellent	0.1-10g/L
PK016(Black)	5.0—6.0	0.5	Excellent	0.1-10g/L
PK018(Black)	5.0—6.0	1.27	Excellent	0.1-10g/L
PK020(Black)	5.0—6.0	1.05	Good	0.1-10g/L
PK032(Black)	5.0—6.0	1.03	Excellent	0.1-10g/L
PK082(Black)	5.0—6.0	1.13	Excellent	0.1-10g/L
PK123(Black)	5.0—6.0	0.22	Excellent	0.1-10g/L
PK040(Grey)	5.0—6.0	5.47	Normal	0.2-5g/L
PK042(Grey)	5.0—6.0	4.37	Normal	0.2-5g/L
PK140(Red)	5.0—6.0	20.98	Normal	0.2-5g/L
PK142(Red)	5.0—6.0	3.9	Excellent	0.2-5g/L
PK600(Red)	5.0—6.0	2.53	Very good	0.2-5g/L
PK520(Yellow)	5.0—6.0	5.22	Good	0.2-5g/L
PK320(Orange)	5.0—6.0	9.28	Very good	0.2-5g/L
PK330(Gold)	5.0—6.0	6.06	Normal	0.2-5g/L
PK210(Bronze)	5.0—6.0	29.46	Normal	0.2-5g/L
PK160(Green)	5.0—6.0	5.5	Normal	0.2-5g/L
PK130(Blue)	5.5—6.5	7.06	Good	0.2-5g/L

Remarks: the effect of heat fastness is ranked from good to bad as excellent, very good, good and normal.
It is recommended to add the Anti-mildew agent to the new dye bath and filter the dye solution continuously during use.

Process Of Aluminum Anodizing

Degreasing→Neutralizing→Anodizing→Dyeing→Sealing.
(The rinsing steps are omitted)

Degreasing

AL-CLEAN DA5 50g/L, 50°C, 3-5min.

Anodizing

H₂SO₄ 180g/L, Al³⁺ 5-10g/L, Voltage 14-15V.

Current density 1-1.2A/dm², Temperature 18-21°C, Time 45/30/15min.

Dyeing

30°C (5g/L\ 2g/L\ 0.5g/L; 10min\5min\1min)

Sealing

PHS-5000, 6g/L, 90°C±5°C, 15min.

We only guarantees that the data of this test is true and reliable. However, the suitability for any particular purpose should be verified by the user's own testing.