



大恭化學工業股份有限公司

TAH KONG CHEMICAL INDUSTRIAL CORP.

7TH FLOOR 778, PA TE ROAD, SEC.4,

TAIPEI, REPUBLIC OF CHINA

台北市八德路四段七七八號

新矽谷大樓七樓

TEL:(02)7859081-7

TLX:25217 TKCPIGMENT

CABLE:TKCHEMIAL TAIPEI

FAX:(02)7850907

## Processed Pigment (Intermediate) for PE and PP Coloration

- Description:** PEC is the processed pigment which is designed for PE and PP coloration. This product has good dispersion, physical properties and coloration. It is suitable for PE and PP injection / extrusion, calendar and other related applications.
- Appearance:** Crusher
- Product Code:** PEC can be customer-made by different requirements (ex. color shade, concentration, operating process and physical properties).

Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
PEC Yellow 024	Yellow (Greenish)	PY-14	220°C	3-4	4-5
PEC Yellow 032	Yellow (Greenish)	PY-81	240°C	6-7	4-5
PEC Yellow 0539	Yellow (Greenish)	PY-151	270°C	6-7	5
PEC Yellow 0602	Yellow	PY-138	270°C	7-8	4-5
PEC Yellow 036H	Yellow	PY-62	230°C	6-7	5
PEC Yellow 0535	Yellow (Reddish)	PY-139	260°C	7-8	4-5
PEC Yellow 030	Yellow	PY-191	300°C	6-7	5
PEC Yellow 045	Yellow (Reddish)	PY-83	240°C	6-7	4-5



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Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
PEC Yellow 034	Yellow (Greenish)	PY-128	240°C	7-8	4-5
PEC Yellow 061	Yellow (Reddish)	PY-110	300°C	7-8	5
PEC Orange 1605	Orange	PO-64	300°C	7-8	5
PEC Red 215	Red	PR-48:3	260°C	5-6	4-5
PEC Red 2451	Red (Bluish)	PR-57:1	240°C	4-5	4-5
PEC Red 253	Red (Yellowish)	PR-166	300°C	7-8	5
PEC Red 2642	Red	PR-254	300°C	7-8	5
PEC Red 237	Red	PR-176	260°C	6-7	4-5
PEC Red 239	Red	PR-208	260°C	7	4-5
PEC Red 259	Red	PR-144	300°C	7-8	5
PEC Red 261	Red (purplish)	PR-122	280°C	7-8	5
PEC Brown 301	Brown (Yellowish)	PR-101	300°C	8	5



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Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
PEC Brown 303	Brown	PR-101	300°C	8	5
PEC Violet 4510	Purple	PV-23	240°C	7-8	4
PEC Blue 5425	Blue (Reddish)	PB-15:1	250°C	7-8	4-5
PEC Blue 5505	Blue (Greenish)	PB-15:3	250°C	7-8	5
PEC Blue 535	Blue (Greenish)	PB-15:3	260°C	7-8	5
PEC Green 6420	Green	PG-7	300°C	7-8	5
PEC Green 6420H	Green	PG-7	300°C	7-8	5
PEC Black 702	Black	PBK-7	300°C	8	5
PEC Black 716	Black	PBK-7	300°C	8	5
TEM White 8A001	White	PW-6	300°C	8	5

## Remarks:

1. The above physical properties were tested with full shade color.
2. The light fastness test was conducted according to DIN 54003 Blue Scale from 1 to 8. (1 = very low, 8 = very high.)
3. The heat resistance test was conducted according to ISO Grey Scale and the rating from 1 to 5. The temperature indicated is the temperature can pass the test of Grey Scale 4 after 5mins of testing time.



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4. The migration test was conducted according to ISO Grey Scale and the rating from 1 to 5. The condition of Migration test:  $80^{\circ}\text{C} \times 100\text{g}/\text{cm}^2 \times 24\text{hrs}$ .
5. Recommended Dosage: 1-4% depend on customers' condition and requirements.

The above data and results are based on controlled or lab work and must be confirmed by buyer by testing for the intended conditions of use.

Item Code	CI Pigment No.	Full Color:0.5 PHR	Tint Color:0.5 PHR TEM WH:2.0 PHR
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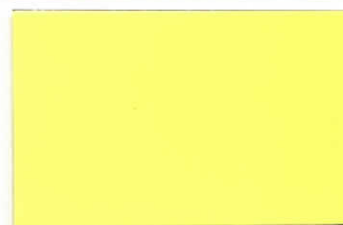
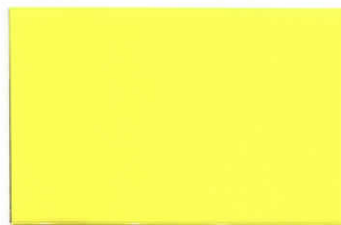
PEC Yellow  
024

PY-14



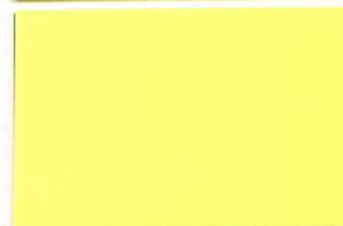
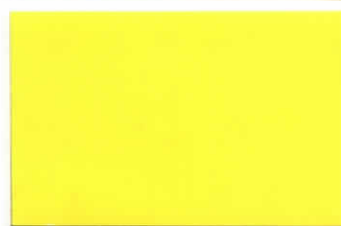
PEC Yellow  
032

PY-81



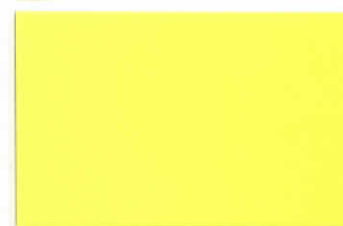
PEC Yellow  
0539

PY-151



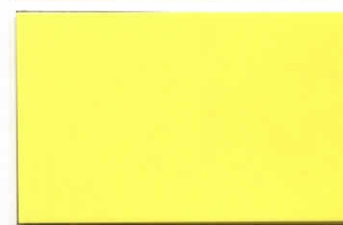
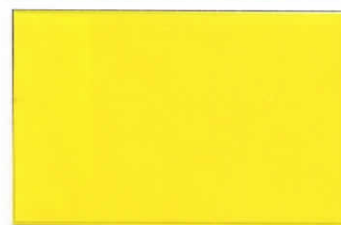
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0602

PY-138



PEC Yellow  
036H

PY-62



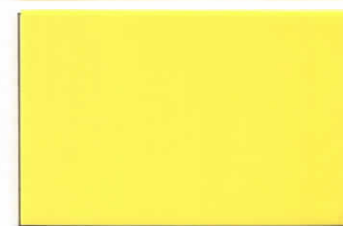
PEC Yellow  
0535

PY-139



PEC Yellow  
030

PY-191



Item Code	CI Pigment No.	Full Color:0.5 PHR	Tint Color:0.5 PHR TEM WH:2.0 PHR
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PEC Yellow  
045

PY-83



PEC Yellow  
034

PY-128



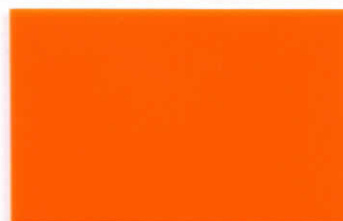
PEC Yellow  
061

PY-110



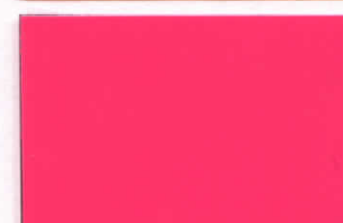
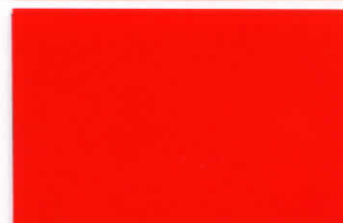
PEC Orange  
1605

PO-64



PEC Red  
215

PR-48:3



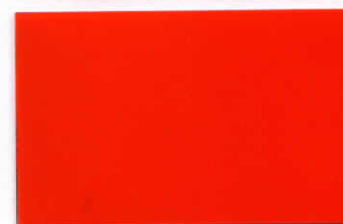
PEC Red  
2451

PR-57:1



PEC Red  
253

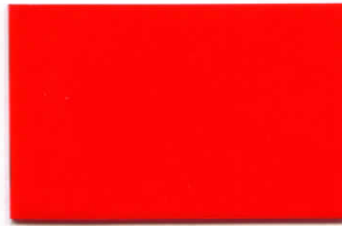
PR-166



Item Code	CI Pigment No.	Full Color:0.5 PHR	Tint Color:0.5 PHR TEM WH:2.0 PHR
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PEC Red  
2642

PR-254



PEC Red  
237

PR-176



PEC Red  
239

PR-208



PEC Red  
259

PR-144



PEC Red  
261

PR-122



PEC Brown  
301

PR-101



PEC Brown  
303

PR-101



Item Code Item Code	CI Pigment No.	Full Color:0.5 PHR	Tint Color:0.5 PHR TEM WH:2.0 PHR
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PEC Violet  
4510

PV-23



PEC Blue  
5425

PB-15:1



PEC Blue  
5505

PB-15:3



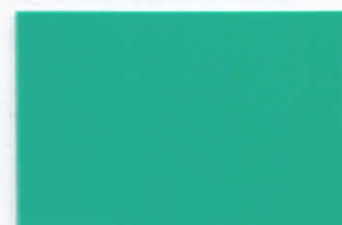
PEC Blue  
535

PB-15:3



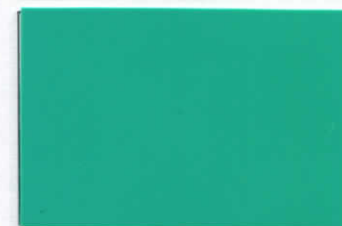
PEC Green  
6420

PG-7



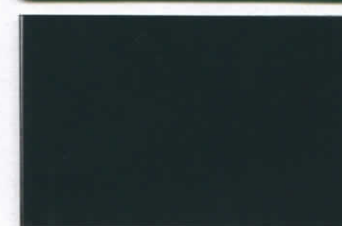
PEC Green  
6420H

PG-7



PEC Black  
702

PBK-7





Item Code	CI Pigment No.	Full Color:0.5 PHR	Tint Color:0.5 PHR TEM WH:2.0 PHR
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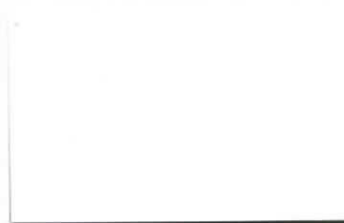
PEC Black  
716

PBK-7



\*TEM White  
8A001

PW-6



\*TEM WH 8A001

Full:Color:2.0 PHR

Tint:Color:2.0 PHR+PEC BK 716:0.2 PHR