



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

TPW TECHNICAL DATA

- Description:** TPW is high concentrated pigment powder. It has good dispersion, physical properties and coloration. TPW can meet the requirement of European RoHS. It can be applicable to various resins such as PE, PP, EVA, PS, ABS coloration. Extrusion, Injection and Calender makers can use this product for their productions.
- Appearance:** Powder
- Product Code:** Products can be customized to fit the special needs from color shade, concentration, processing conditions and physical properties.

Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
TPW Yellow 032	Yellow	PY-81	240°C	6-7	4-5
TPW Yellow 045	Yellow (Reddish)	PY-83	240°C	6-7	4-5
TPW Red 216	Red (Yellowish)	PR-48:3	260°C	5-6	4-5
TPW Brown 301	Brown	PR-101	300°C	8	5
TPW Violet 411	Violet	PV-23	240°C	7-8	4-4.5
TPW Blue 534	Blue (Greenish)	PB-15:3	250°C	7-8	5
TPW Blue 521	Blue (Reddish)	PB-15	200°C	7-8	4-5
TPW Green 621	Green	PG-7	300°C	7-8	5



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Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
TPW Black 716	Black	PBK-7	300°C	8	5
TPW White 816	White	PW-6	300°C	8	5

The values quoted for the fastness properties were determined by the results from full shade test.

Remarks:

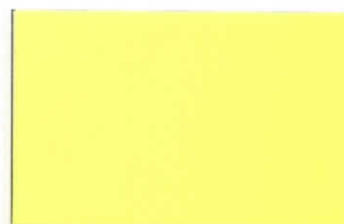
1. The light fastness test was conducted according to DIN 54003 Blue Scale from 1 to 8. (1 = very low, 8 = very high.)
2. The heat resistance test was conducted according to ISO Grey Scale and the rating from 1 to 5. The temperature indicated is the temperature can pass the test of Grey Scale 4 after 5mins of testing time.
3. The migration test was conducted according to ISO Grey Scale and the rating from 1 to 5. The condition of Migration test: 80°C×100g/cm²×24hrs.
4. Recommended Dosage: 1% depends on customers' condition and requirements.

The values quoted for the fastness properties only apply for our test conditions which are not regarded as specification and guarantee.

Item code	CI Pigment No.	Full shade Color:0.5 PHR	Tint shade Color:0.5 PHR TEM WH:2.0 PHR
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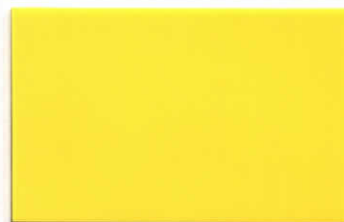
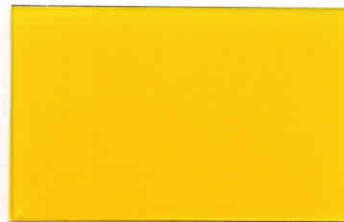
TPW Yellow
032

PY-81



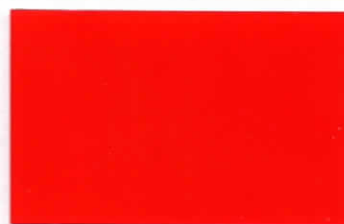
TPW Yellow
045

PY-83



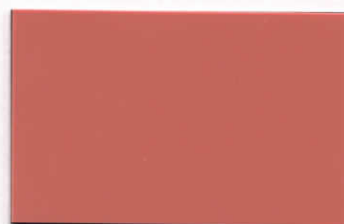
TPW Red
216

PR-48:3



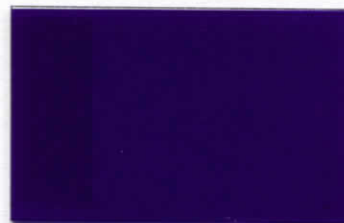
TPW Brown
301

PR-101



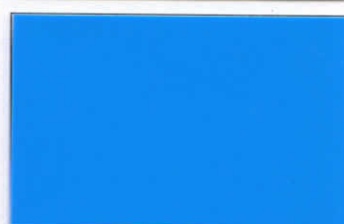
TPW Violet
411

PV-23



TPW Blue
534

PB-15:3



TPW Blue
521

PB-15



Item code	CI Pigment No.	Full shade Color:0.5 PHR	Tint shade Color:0.5 PHR TEM WH:2.0 PHR
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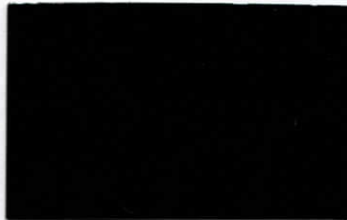
TPW Green
621

PG-7



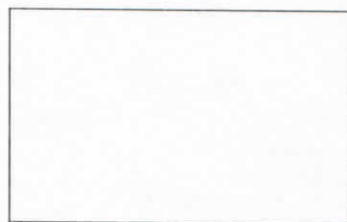
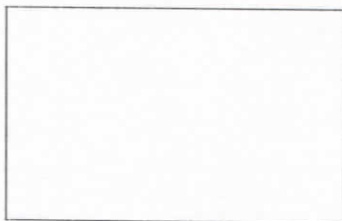
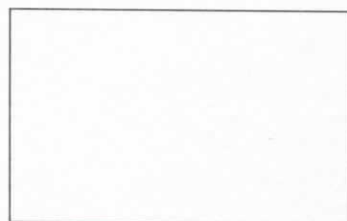
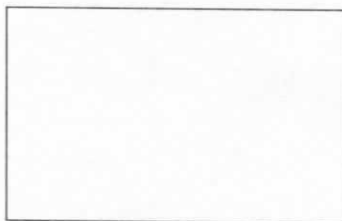
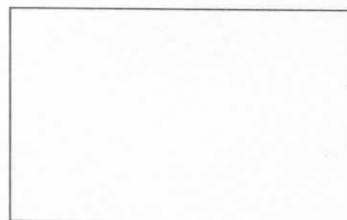
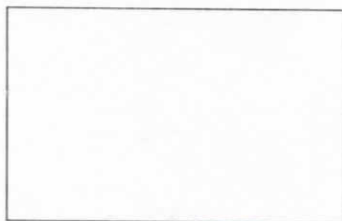
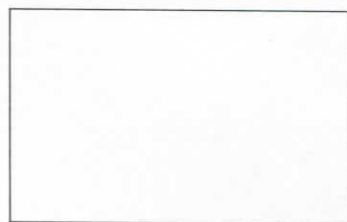
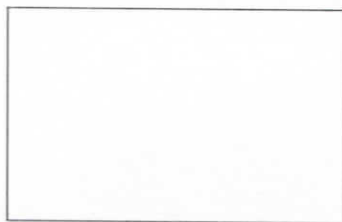
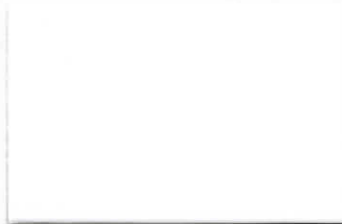
TPW Black
716

PBK-7



TPW White
816

PW-6



* TPW White 816

Full shade:Color:1.0 PHR

Tint shade:Color:1.0 PHR+PEC BK 716:0.1PHR