

TEM Color M/B

1. **Description:** TEM color is high concentrated master batch which is designed for PE & PP coloration, the compatibility is good that the property of the original material is not badly affected with advantages as follows:
 - Good dispersive property
 - Excellent diffusive property
 - It can be directly mixed with resin without polluting the containers and equipment.
 - Easy for color change and cleaning.
 - High concentration and strong tinctorial power
 - The property of the original material will not be lowered due to good compatibility
 - The appearance of our color concentrate is so even that it is suitable automatic metering.
2. **Appearance:** Master Batch
3. **Product Code:** TEM can be custom-made by different requirements (ex. color shade, concentration, operations' process and physical properties).

Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
TEM Yellow 0A669 0A670	Yellow (Greenish)	PY-34	280	7-8	5
TEM Yellow 0A671 0A672	Yellow (Greenish)	PY-81	240	6-7	4-5
TEM Yellow 0A674 0A675	Yellow (Greenish)	PY-14	220	4	4-5
TEM Yellow 0A678 0A679	Yellow (Reddish)	PY-83	240	6-7	4-5
TEM Yellow 0A680 0A681	Yellow (Reddish)	PY-139	260	7-8	4-5
TEM Orange 1A119 1A120	Orange	PO-13	180	4	4

Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
TEM Orange 1A119 1A120	Orange	PO-13	180	4	4
TEM Red 2A952 2A953	Red (Yellowish)	PR-48:1	260	3-4	4-5
TEM Red 2A954 2A955	Red (Yellowish)	PR-53:1	260	2-3	4-5
TEM Red 2A956 2A957	Red	PR-48:3	260	5-6	4-5
TEM Red 2A958 2A959	Red (Bluish)	PR-57:1	240	4-5	4-5
TEM Red 2A960 2A961	Red (Bluish)	PR-57:1	240	4-5	4-5
TEM Red 2A962 2A963	Red (Bluish)	PR-122	280	7-8	5
TEM Brown 3A388 3A389	Brown (Yellowish)	PBr-6	300	8	5
TEM Brown 3A390 3A391	Brown (Yellowish)	PBr-6	300	8	5
TEM Brown 3A392 3A393	Brown (Reddish)	PBr-6	300	8	5
TEM Brown 3A394 3A395	Brown (Reddish)	PBr-6	300	8	5
TEM Violet 4A161 4A162	Violet	PV-23	280	7-8	4
TEM Violet 4A163 4A164	Violet	PV-23	240	7-8	4

Item Code	Color	Pigment No.	Heat Resistance	Light Fastness	Migration
TEM Blue 5A891 5A892	Blue (Reddish)	PB-29	300	7-8	5
TEM Blue 5A893 5A894	Blue (Reddish)	PB-15:1	250	7-8	4-5
TEM Blue 5A895 5A896	Blue (Reddish)	PB-15	200	7-8	4-5
TEM Blue 5A897 5A898	Blue (Greenish)	PB-15:3	280	7-8	5
TEM Blue 5A899 5A900	Blue (Greenish)	PB-15:3	220	7-8	5
TEM Blue 5A901 5A902	Blue (Greenish)	PB-15:3	220	7-8	5
TEM Green 6A743 6A744	Green	PG-7	300	7-8	5
TEM Green 6A745 6A746	Green	PG-7	300	7-8	5
TEM Black 7A507 7A508	Black	PBk-7	300	8	5
TEM Black 7A509 7A510	Black	PBk-7	300	8	5
TEM Black 7A511 7A398	Black	PBk-7	300	8	5
TEM White 8A343 8A344	White	PW-6	300	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.**
- 4. 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.**
- 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.

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Yellow 0A669	TEM Yellow 0A670	TEM Yellow 0A671	TEM Yellow 0A672	TEM Yellow 0A674
CI NO	PY-34	PY-34	PY-81	PY-81	PY-14
Color Sheet					
Item Code	TEM Yellow 0A675	TEM Yellow 0A678	TEM Yellow 0A679	TEM Yellow 0A680	TEM Yellow 0A681
CI NO	PY-14	PY-83	PY-83	PY-139	PY-139
Color Sheet					

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Orange 1A119	TEM Orange 1A120	TEM Red 2A952	TEM Red 2A953	TEM Red 2A954
CI NO	PO-13	PO-13	PR-48 : 1	PR-48 : 1	PR-53 : 1
Color Sheet					
Item Code	TEM Red 2A955	TEM Red 2A956	TEM Red 2A957	TEM Red 2A958	TEM Red 2A959
CI NO	PR-53 : 1	PR-48 : 3	PR-48 : 3	PR-57 : 1	PR-57 : 1
Color Sheet					

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Red 2A960	TEM Red 2A961	TEM Red 2A962	TEM Red 2A963	TEM Brown 3A388
CI NO	PR-57 : 1	PR-57 : 1	PR-122	PR-122	PBr-6
Color Sheet					
Item Code	TEM Brown 3A389	TEM Brown 3A390	TEM Brown 3A391	TEM Brown 3A392	TEM Brown 3A393
CI NO	PBr-6	PBr-6	PBr-6	PBr-6	PBr-6
Color Sheet					

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Brown 3A394	TEM Brown 3A395	TEM Violet 4A161	TEM Violet 4A162	TEM Violet 4A163
CI NO	PBr-6	PBr-6	PV-23	PV-23	PV-23
Color Sheet					
Item Code	TEM Violet 4A164	TEM Blue 5A891	TEM Blue 5A892	TEM Blue 5A893	TEM Blue 5A894
CI NO	PV-23	PB-29	PB-29	PB-15 : 1	PB-15 : 1
Color Sheet					

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Blue 5A895	TEM Blue 5A896	TEM Blue 5A897	TEM Blue 5A898	TEM Blue 5A899
CI NO	PB-15	PB-15	PB-15 : 3	PB-15 : 3	PB-15 : 3
Color Sheet					
Item Code	TEM Blue 5A900	TEM Blue 5A901	TEM Blue 5A902	TEM Green 6A743	TEM Green 6A744
CI NO	PB-15 : 3	PB-15 : 3	PB-15 : 3	PG-7	PG-7
Color Sheet					

TEM Color M/B Data

LDPE Resin-----100g

M/B-----4g

Item Code	TEM Green 6A745	TEM Green 6A746	TEM Black 7A507	TEM Black 7A508	TEM Black 7A509
CI NO	PG-7	PG-7	PBk-7	PBk-7	PBk-7
Color Sheet					
Item Code	TEM Black 7A510	TEM Black 7A511	TEM Black 7A398	TEM White 8A343	TEM White 8A344
CI NO	PBk-7	PBk-7	PBk-7	PW-6	PW-6
Color Sheet					