

\$210mn

2023 Net Sales

600+

Employee

80+

Patents

56th

Provincial
Post-doctoral
work-station

6

Production Sites



Poly Plastic Masterbatch (Suzhou) Co., Ltd.

Stock Code: 300905

Homepage: www.ppm-sz.com

Company Introduction



*Fiber hereinafter means both filament/yarn and staple fiber unless otherwise specified





Our Footprint



1995



Wuxian Kangda Fiber MB plant

2008



Siyang Baoyuan Plastic Co., Ltd.

2021



Poly Plastic Masterbatch Kimya Sanayi Ve Ticaret Limited Sirketi, **Gaziantep**

PPM Turkey plant setup; Jiangxi Sincere Color Paste factory acquired

Suzhou Poly Plastics Material Co., Ltd.

2004



Poly Plastic Masterbatch (Suzhou) Co., Ltd. publicly listed at SZSE

2020



2022

PPM Research Institute

2023

Est. YOCOF and PPM Hubei; Acquired Xiamen Luyi MB



- ①: Poly Plastic Masterbatch Suzhou
- ②: PPM Suqian
- ③: PPM Xiaoshan Color Matching Service Center
- ④: Xiamen Luyi Color Masterbatch
- ⑤: Jiangxi Sincere New Material
- ⑥: PPM Kimya Sanayi Ve Ticaret Limited Sirketi
- ⑦: YOCOF New Material Suzhou
- ⑧: PPM Hubei New Material





Automated Manufacturing Workshop



DSC – 5G plant



**Automation
Production Lines**



Automated Manufacturing Workshop



120 Automated Weighing System AGV delivery

Mixing

Extrusion

Advantages

- ✓ High degree automation and higher efficiency save manpower
- ✓ Precision in dosage of ingredient and therefore low ratio of mixing error make quality of final MB products more stable subsequently
- ✓ Producing high volume single color MB and then mixing them for final product make production process much more clean





Testing Center



CNAS certificate is granted by *China National Accreditation Service for Conformity Assessment*, being part of *China Laboratory Accreditation scheme*. Its purpose is to improve quality and capability of testing laboratory, improve trust of test data and enhance coordination and mutual recognition of test data between domestic and international laboratory.



CNAS certificate awarded in Oct 2023





Analytical Testing Equipment...1/2



MFR Tester



FPV Testing Equipment



Viscosity Tester



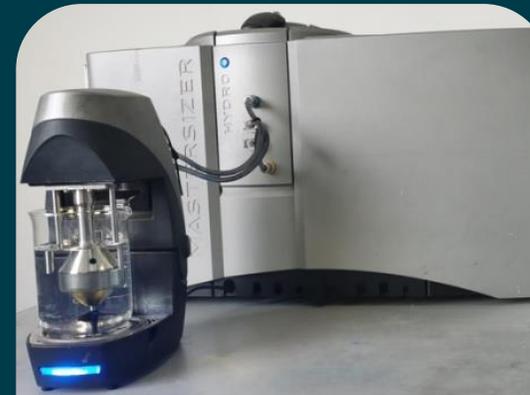
Spectrophotometer



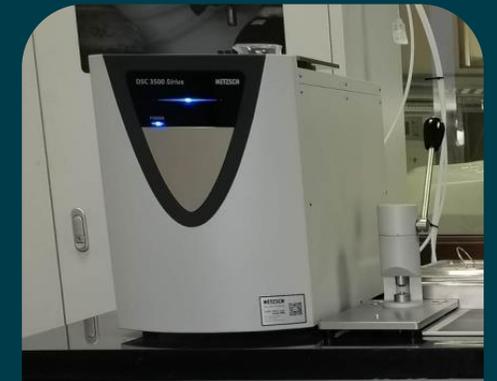
Gas Chromatograph



Infrared Spectrometer



Laser Particle Size Analyzer



DSC ← →



Analytical Testing Equipment...2/2



TGA



Nanoparticle Size Analyzer



Capillary Rheometer



Universal Tester



**Xenon Test Chamber
model 1**



**Xenon Test Chamber
model 2**



**UV Accelerated
Weathering Tester**





Tri-layer Co-extrusion Film Lab Line



BO Film Tester

We should produce good quality masterbatch here in PPM, at a profit – if we can, at a loss – if we must, but always good masterbatch.

Chairman Mr Xu Yiming



Product Introduction

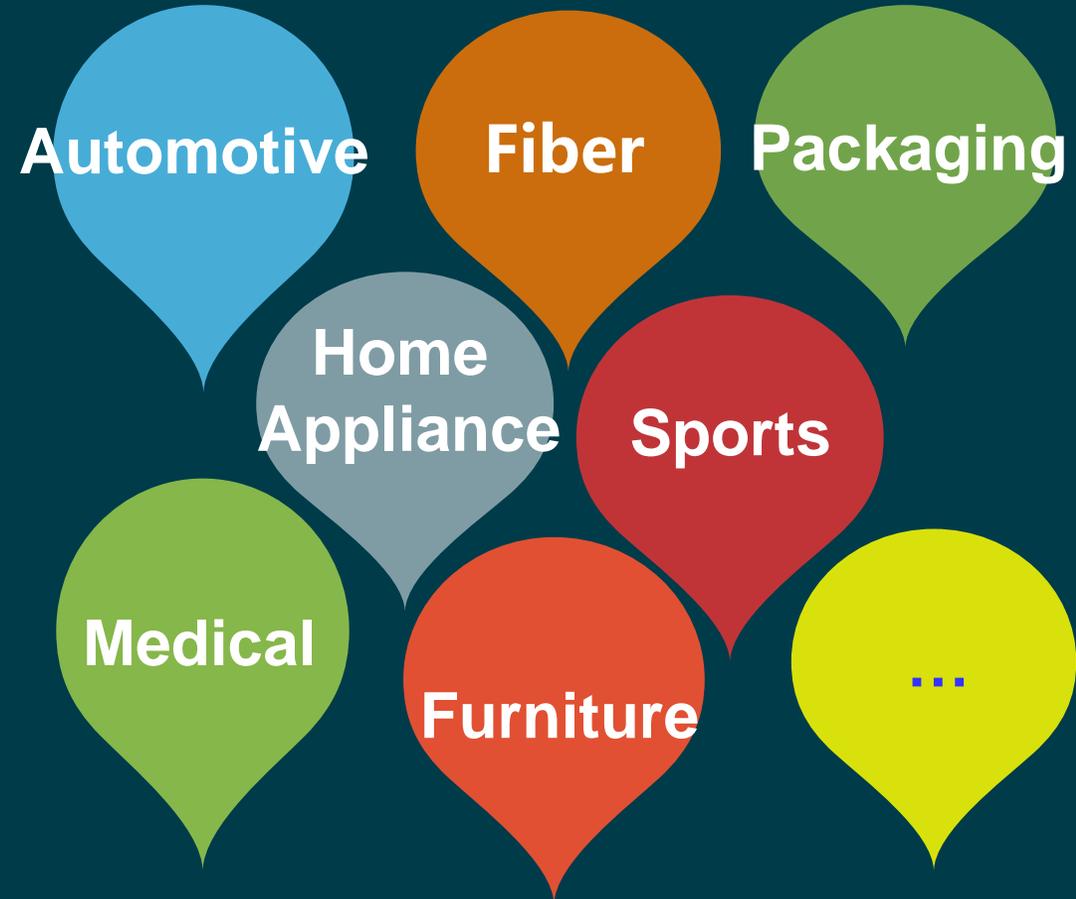
2

Miscellaneous Applications

Base resin: PET, PBT, LLDPE, PP, PA6, PA66, PC, ABS, PS, SAN, EVA, PMMA

Black MB
Color MB

Matting MB
Functional MB



Black MB MTB10091-A4

- High tinting strength and jetness
- Good dispersibility and filterability
- 30% content as standard, tailor-made concentration available
- Suitable for thin film as low as 12 micro





BOPET Film

White MB MTW10893-A1

- High color covering and saturation
- Tailor-made chromaticity available
- Excellent weather resistance
- Good dispersibility and filterability





Color MB

- All sort of colors with different HSB
- Good dispersibility and filterability
- Excellent heat stability and solvent resistance



Anti-weathering MB MTA10326-A1

- Good weather and yellowish resistance
- Low volatility and precipitation
- Low dosage and hence low treatment cost





Pearlescent MB MTA10289-A1

- Good appearance
- High color covering and improved printability
- Good dispersibility and filterability
- Excellent weather resistance



Foaming & Reflection MB MTA11206-A1

- High reflection, good opacity and low density
- Good dispersibility and filterability
- Excellent weather resistance



TV/MNT



Auto



Note Book



LED Panel Light

Flame Retardant MB MTA10380-A1

- Halogen free and safe
- Good transparency and FR performance reaching V0
- Excellent mechanical properties, no adverse impact to film-forming
- Great cost efficiency





Matting MB MTA10373-A1

- Low gloss while roughness could be tailor-made
- Chromaticity adjustable by request
- Good dispersibility and filterability
- Excellent weather resistance



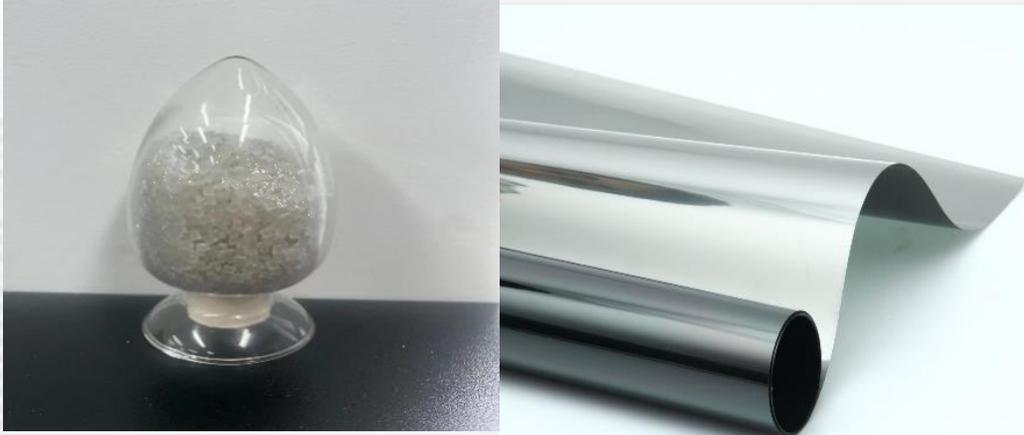


UV barrier MB – Film

<https://ri.ppm-sz.cn/>



UV barrier MB & Film



Application



- Specifically designed for PET film as UV barrier without affecting transparency of film.
- It can block >99% UV (290-400nm)
- Good compatibility, high temperature resistance and no precipitation in processing and during application
- Mainly used in all kinds of window film e.g. in house, vehicle.

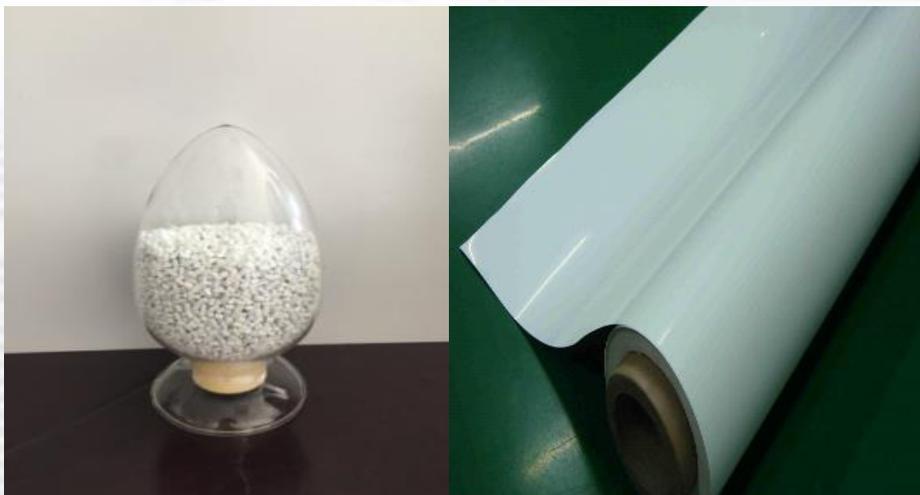


White MB for photovoltaic back-plate – Film

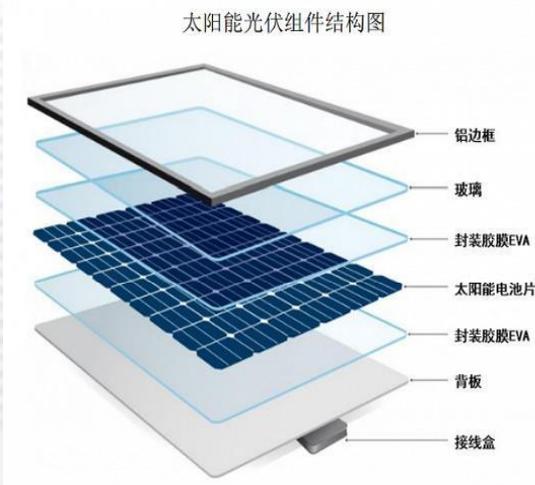
<https://ri.ppm-sz.cn/>



MB & Film



Application



- Designed for photovoltaic back-panel film with high performance/cost ratio
- Good dispersion and long filter change interval
- BOPET film made from this MB has smooth surface, no crystal, good light blockage, snow-white and high tear-resistance



PPM Key for Success

Cost Efficiency



Innovation is the key for continuous development. PPM focuses on **high quality coloring** and **functional improvement** for film products



Technology Advantage

PPM Research Institute gathers Top Industry Technology Talents

Branding

Full-fledged laboratory & test center granted CNAS certification

Scale of Economy

MB production capacity 100KTPA
Bargaining power for raw material



Thanks!

PPM is grateful for your support
and expect further collaboration

This PPT is just for film MB. If you are interested in other PPM products, e.g. filament & fiber, plastic, color paste & ink, etc, please download the correspondent file or contact PPM sales representative for help.