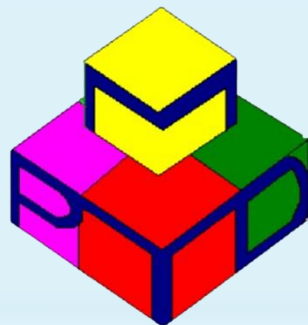


飛流母粒

FreeFlow Master Batch In Film Grade



名言塑膠顏料有限公司 (MIN YEN PLASTICS CO., LTD)

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MinYen Advantages

名言優勢

01

Has a Global Certification of ISO9001
通過ISO9001品質認證

02

Over 30 years of experience in Master Batch Manufacture
超過30年以上的母粒專業製造經驗

03

Long-term cooperation with Chemical giants, such as Clariant, DoPont, Mitsubishi Chemichal
和歐美日化工大廠，如克萊恩、杜邦、三井化學長期技術合作



The management system of standardization
標準化經營體系



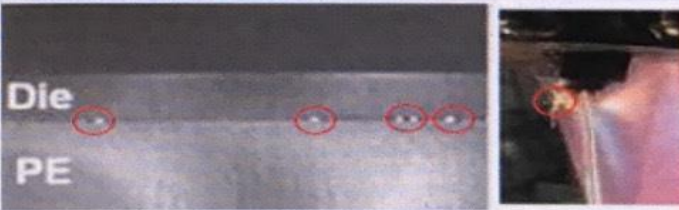

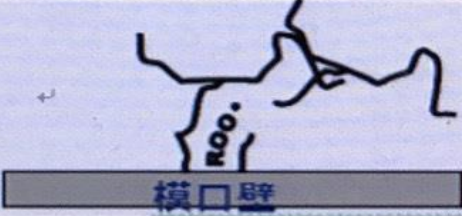

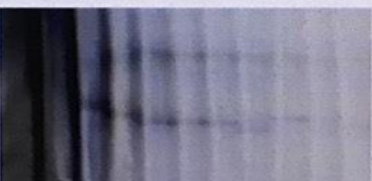
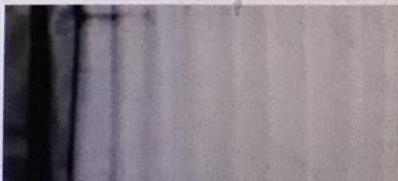
- ISO9001認證



使用飛流在加工製程所帶來的好處



名言MIN YEN

No.	好處	無添加飛流	有添加飛流
1	減少融體破裂 (melt fracture)		
2	降低操作背壓	Base on screw speed = 50 rpm. ◎ Pressure = 235 bar	Base on screw speed = 50 rpm. ◎ Pressure = 180 bar (背壓降低 24%)
	增加產出量	Base on normal pressure = 235 bar. ◎ Screw speed = 50 rpm	Base on normal pressure = 235 bar. ◎ Screw speed = 95 rpm (理論產出量增加 20%)
3	減少模口積料 (DBU)		
4	減少燒焦點產生 (魚眼 gel)		
5	縮短色料切換時間		

MinYen - The Advantages of Free Flow Master Batch 名言飛流母粒優點



Free flow processing aid MB can make a protective layer on your screw and die surface, avoiding PE and iron surface direct contact, decreasing die buildup on die and screw.
飛流母粒有親鐵性，可在螺桿和模頭上形成一層保護膜，減少塑膠燒焦積碳



Reduce your time and frequency to clean die and screw. Good heat resistance.
可大幅減少清理模頭的時間和頻率。本產品耐溫性亦佳



Decrease shark skin and fish bone, helping film to maintain stable thickness .
可有效減少薄膜上鯊魚皮和魚骨頭，增加薄膜平整性



Better processing, so you can speed up 10-20% yield output. Enhance Film Transparency. 因出料順，混練好，轉速可再調快10-20%。可增加薄膜透明度

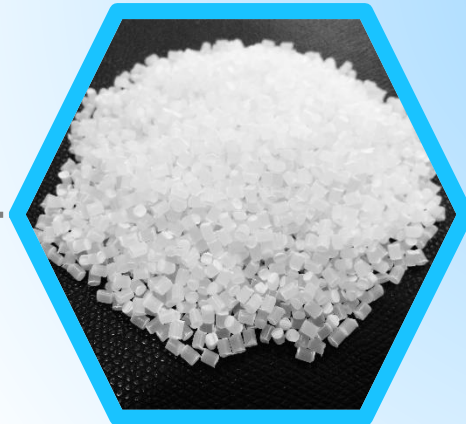


MinYen-The Advantage of Freeflow Master Batch in Film Grade. 名言飛流母粒優點



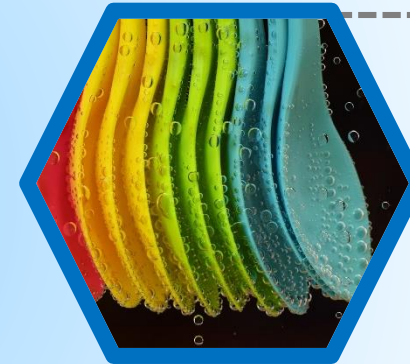
Excellent Quality 品質優良

Improve film quality in thickness, transparency, and lower gel.
Decrease electricity consumption and die pressure.
改善薄膜厚薄、亮度、透明性、顆粒等問題
減低機台用電量，減輕模頭壓力。



Lower Ratio of Addition 添加率低

The FreeFlow will able to be more transparent, good dispersion, and excellent shape after the special technology processing. It will able to be lower addition ratio and stable quality.
飛流母粒經特殊加工技術處理，分散性佳，可實現低添加率和穩定的品質。

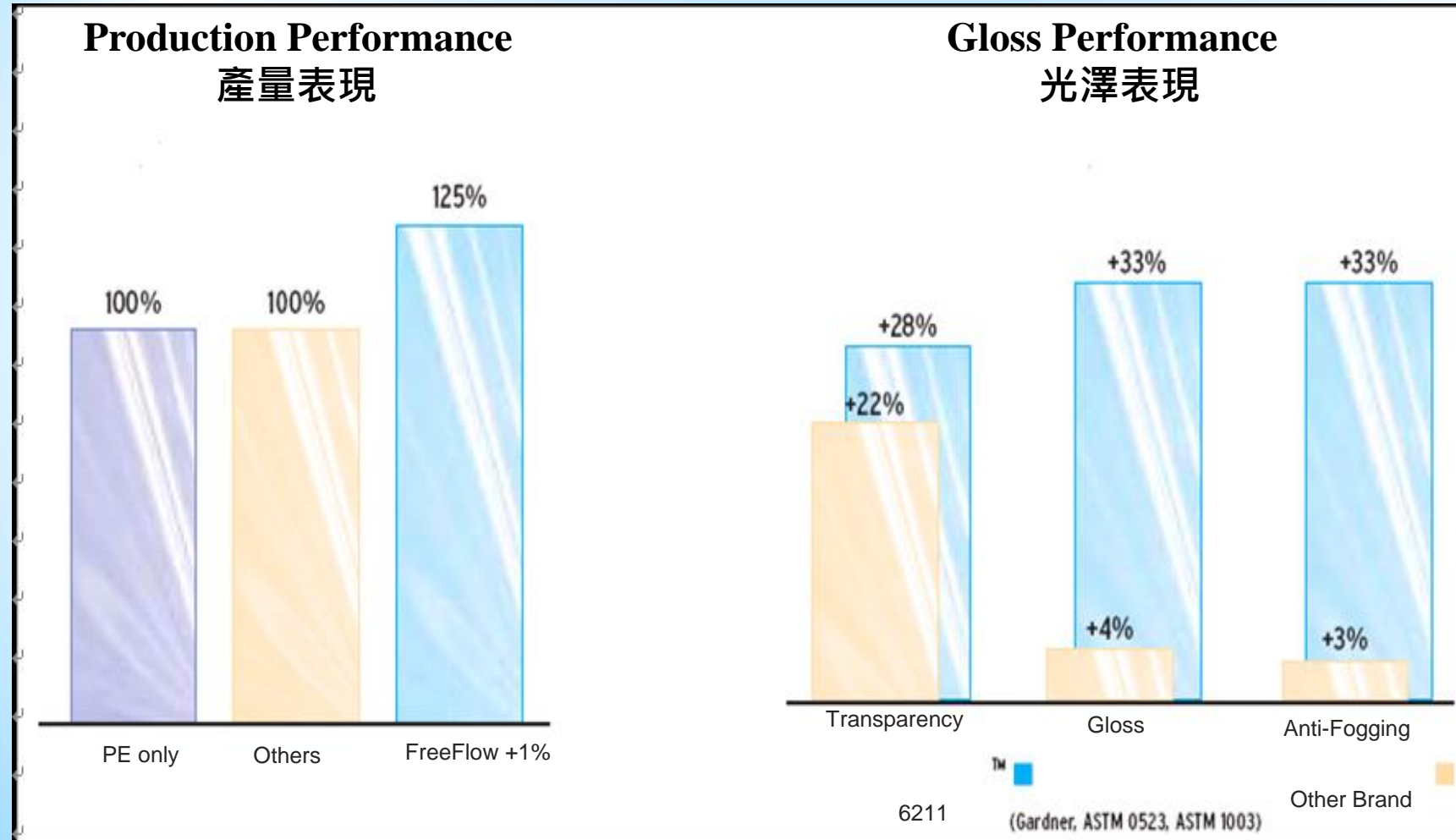


High Safety 安全性高

Highly Safety. It can be used in food contact materials, and it won't migrate.
飛流母粒安全性高，可适用于食品接觸材料，且不會析出。

Production and Gloss Performance Comparison.

產量和光澤度比較

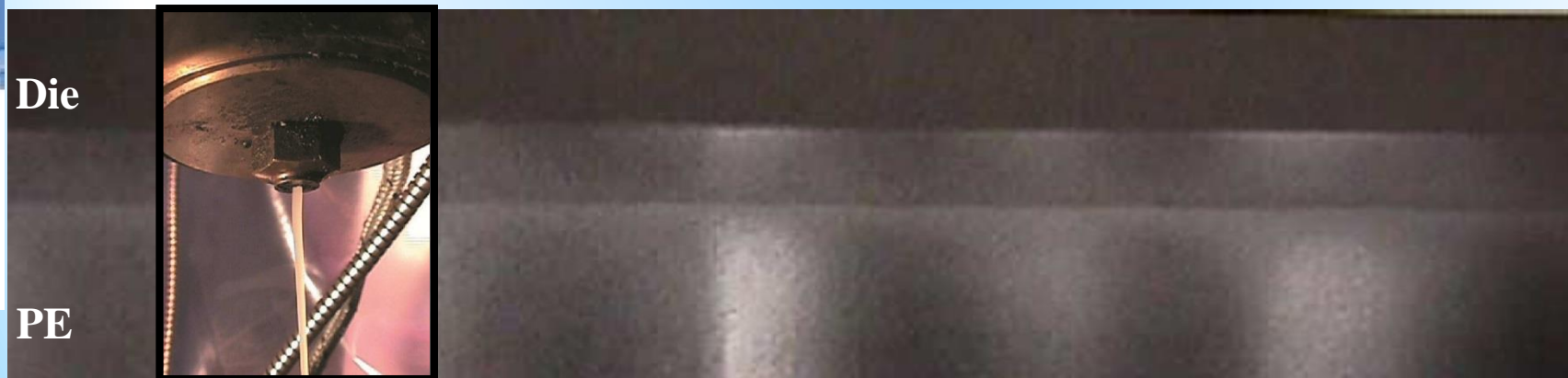


飛流對模頭積垢的成效

LLDPE Only

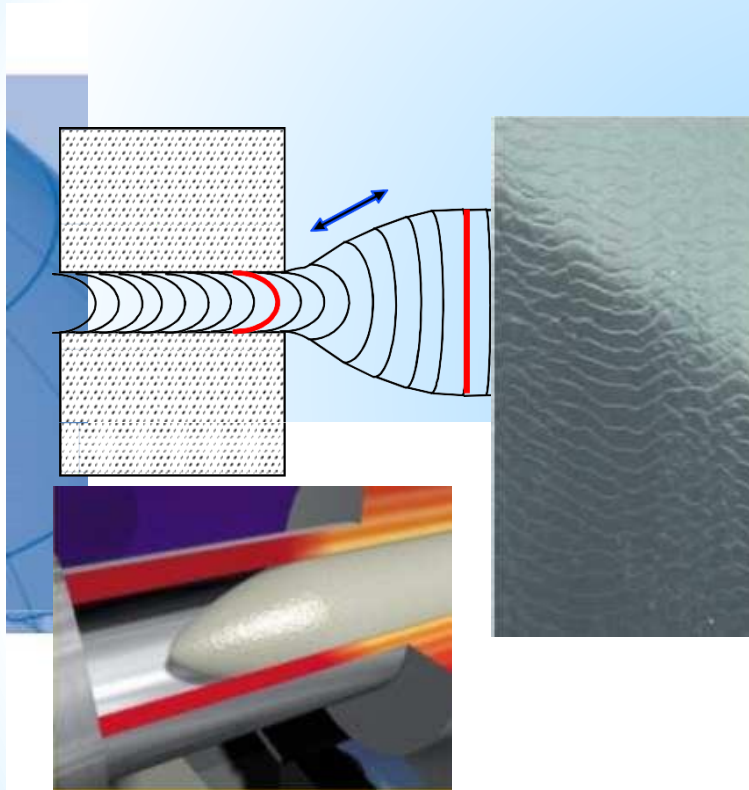


LLDPE +1% FreeFlow MB

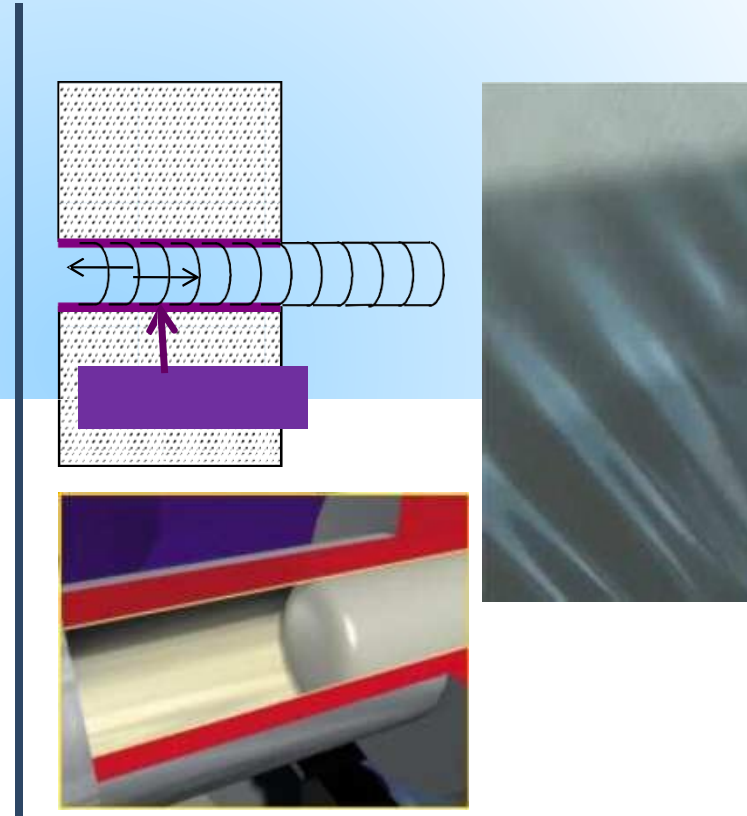


添加飛流前後差異

Before



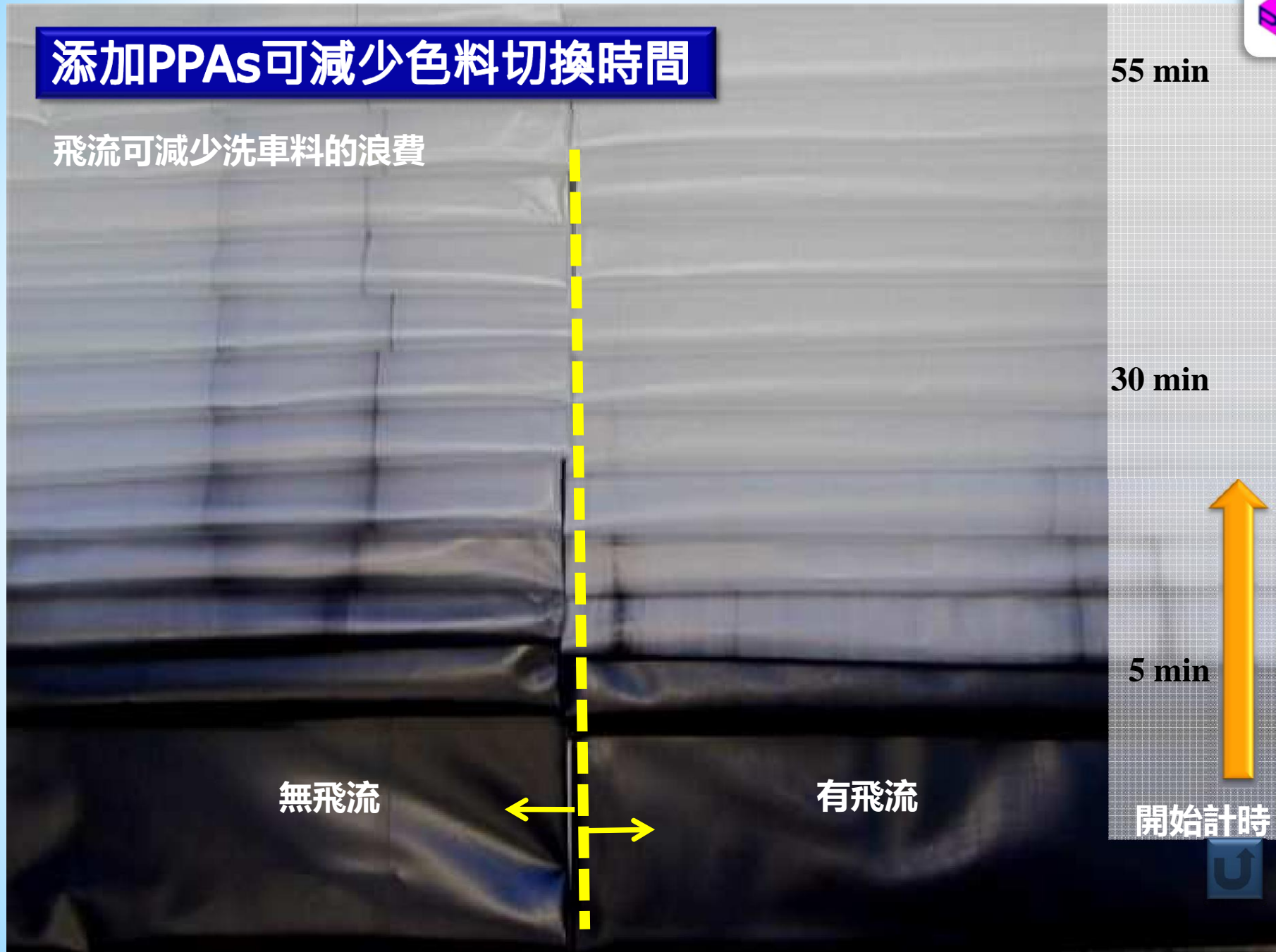
After





添加PPAs可減少色料切換時間

飛流可減少洗車料的浪費



MinYen - FreeFlow Master Batch In Film Grade

名言飛流母粒簡介



FreeFlow Master Batch
飛流母粒照片



Basic Material 基材	LDPE
Color 顏色	White 透明微白粒子
Heat Resistance 耐溫	300度 C
Melting Point 融點	110度C
MI	2g /min
Application Process 適用製程	Blowing 吹膜
Application Material 適用基材	PE, PP, EVA
Master batch Certification 母粒認證	RoHS
Weight 單包重量	25kg / per bag
Package 包裝	Kraft Paper Bag 牛皮紙袋
Suggested Addition ration 建議添加比例	0.7%~1%

Cooperate with US
與我們合作



We are the Future Creator 我們是未來的開創者

1. PE, PP, EVA, TPU Plastics Experts 軟料的母粒專家
2. Additives MB 添加劑母粒
3. Caco3 MB 碳酸鈣母粒
4. Blowing, Injection, Extrusion Color MB 吹膜 射出 押出 中空成形色母
5. Nano Silver Liquid 奈米銀離子液體