

ViTop film (PVDF film) for high quality back sheet 高质量背板用PVDF氟塑料薄膜- HIUV ViTop film

产品介绍

海优威 ViTop PVDF film 氟塑料薄膜，专为高质量背板设计。

产品特点：

多层结构PVDF薄膜，表层PVDF含量高，具有良好的耐紫外、耐湿热老化性能，同时具有较好的抗划伤及抗风沙磨损的性能、以及阻水性良好等特点，适合背板复合使用。

Introduction

HIUV ViTop PVDF film , designing for high quality back sheet.

Characteristics:

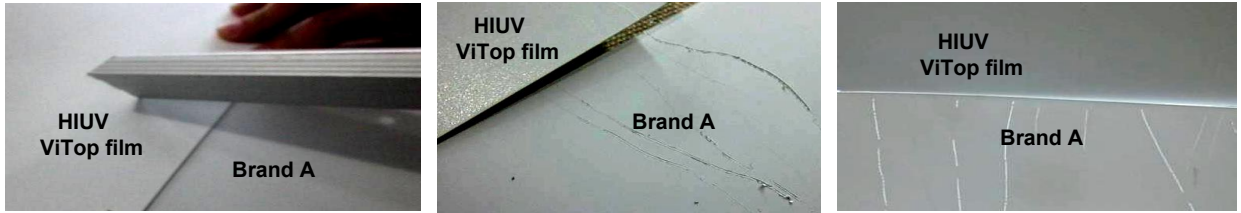
ViTop PVDF film is multi-layer structure. .Have high content of effective component (PVDF resin) on surface of film. Excellent durability , with good performance in DH & UV aging. Have strong ability of anti-scratching and performing excellent in falling sand experiment. Good at weathering resistance, and water resistance. Suit for laminating with PET film.

性能参数 Property

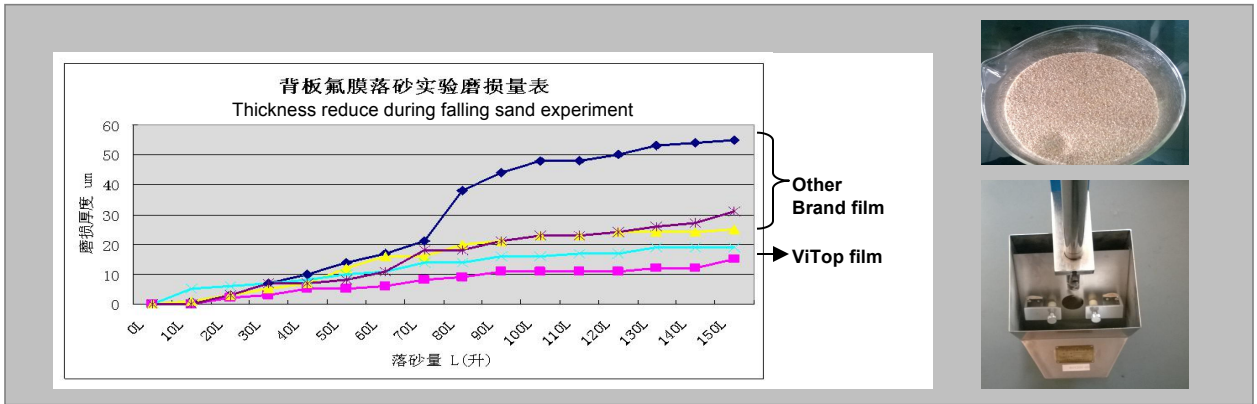
性能 property	单位Unit	测试方法Test Method	HIUV PVDF ViTop25
厚度 Thickness	um	/	About 25
表面能 surface energy	dyne	/	≥40
纵向收缩率Shrinkage (MD)	%	150°C 30min	≤2%
横向收缩率Shrinkage (TD)	%	150°C 30min	≤2%
纵向拉伸强度Tensile Strength (MD)	Mpa	ASTM D882	MD > 30
横向拉伸强度Tensile Strength (TD)	Mpa	ASTM D882	TD > 20
纵向伸长率Tensile Elongation (MD)	%	ASTM D882	> 80
横向伸长率Tensile Elongation (TD)	%	ASTM D882	> 30
耐紫外黄变 UV Light Resistance (120kWh/ m2)	△YI	ASTM G154	< 3
耐湿热黄变Heat/Humidity color Resistance (85°C, 85%RH,2000hr)	△YI	ASTM G154	< 3
每平方米大于0.5mm ² 白点数量 White spot number (> 0.5mm ² /M2)	/	Number	<1
PCT加速湿热老化黄变 PCT 48h color Resistance	△YI	121°C,1.7atm , 48 hours	< 4
PCT 48h后的拉伸强度 (MD) MD Tensile Strength after PCT 48h	Mpa	ASTM D882	> 30
PCT 48h后的拉伸强度 (TD) TD Tensile Elongation after PCT 48h	Mpa	original data	> 20

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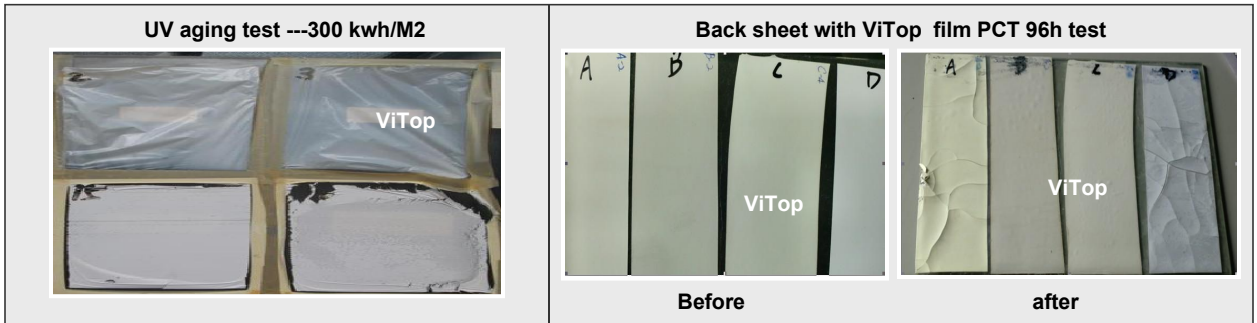
抗划伤实验 Scratch test : ViTop PVDF film performance excellent.



ViTop 氟塑料薄膜抗磨损抗落沙能力强 performing excellent in falling sand experiment.



ViTop 氟塑料薄膜有优异的抗湿热及抗紫外老化能力
Excellent durability and good performance in PCT & UV aging.



完善的工艺及质量控制 Good process and quality control

