



Dongguan Baoxu Chemical Technology, Ltd.

P: +86-0769-22821082 Fax: 0769-22821083

Email: info@additivesforpolymer.com Web: www.additivesforpolymer.com

Room 1118 Caijin Business Building Nancheng District Guangdong Province China

### Optical brightener FP-127

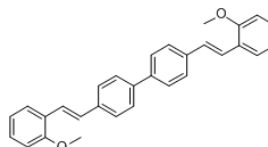
**Chemical name:**

4,4'-Bis(2-methoxystyryl)-1,1'-biphenyl;

Formula C<sub>30</sub>H<sub>26</sub>O<sub>2</sub>

MW 418.53

CAS# 40470-68-6

**Specification:**

Appearance Yellow powder

Melting point 219-221°C

Purity ≥99%

**Application:**

Optical Brightener FP-127 used in whitening of plastics such as

PVC, PS, ABS, TPR, etc. but it has limited weather resistance in PE

Recommended concentrations: 0.05~0.5% depend on the application

and degree of desired whiteness

**Handling and safety:**

For additional handling and toxicological information, please consult us for **Material Safety Data Sheet**

**Package:** 25kg per drum, or per customer requirement

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Guangdong Taojiayue Chemical Technology.,ltd.  
Tel:+86-020-39009190 P/Skype/Whatsapp:+86-13829168410  
Email:info@opticalwhitener.com Web:www.opticalwhitener.com  
No.106, Feng Zhe East Road, Nansha Area, Guangzhou City China

### TDS of optical brightener FP-127

Product name	Optical brightener fp-127												
Chemical	4,4'-Bis(2-methoxystyryl)-1,1'-biphenyl; CAS: 40470-68-6 chemical structure: C30H26O2 Equivalents: Uvitex FP, fluorescent brightener 378, FBA 378, CI 378, OBA 378												
Features	Especial recommended for PVC products.												
Specifications:	<table> <tr> <td>Ash %</td><td>0.3max</td></tr> <tr> <td>Melting Point (DTA)</td><td>219-221°C</td></tr> <tr> <td>Appearance</td><td>Slight greenish yellow powder</td></tr> <tr> <td>Odor</td><td>Free of odor</td></tr> <tr> <td>Volatile Content %</td><td>0.3max</td></tr> <tr> <td>Assay %</td><td>98.5%</td></tr> </table>	Ash %	0.3max	Melting Point (DTA)	219-221°C	Appearance	Slight greenish yellow powder	Odor	Free of odor	Volatile Content %	0.3max	Assay %	98.5%
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Appearance	Slight greenish yellow powder												
Odor	Free of odor												
Volatile Content %	0.3max												
Assay %	98.5%												
Application:	KSB is suitable for PVC products												
Handing and Safety:	For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet.												
Packing:	25kg / fiber drum with PE liner,inside lining plastic bag. 6*2 layer 12 drum per pallet, 5 CBM per ton, or according to customers' requirements.												

### COA of optical brightener kcb

Items	Standard Value	Test Result
Appearance	Slight yellowish green crystal powder	Slight yellowish green crystal powder
Melting Point	219-221°C	219.5°C
Purity	≥99%	99.20%
Color Shade	Blue violet	Blue violet
Fineness	≥200mesh	220 mesh
Water-fast Content	≤0.5%	0.24%