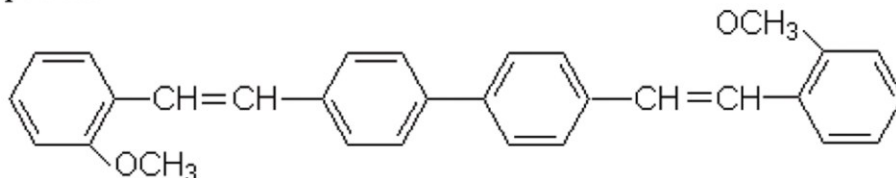


TECHNICAL DATASHEET

Product description

Optical brightener FP127(FBA378)
Light yellow powder



Technical properties

Because of its heat stability, low volatility and high performance, it is one of the most commonly used optical brighteners in plastic industries.

Application

A good whitening agent for co-polymers and homo-polymers of acrylic, thermoplastic polyurethane, polyvinyl chloride, styrene, polyolefin and other organic matrix. Main applications also include fibers, molded products, films and sheets.

Physical data

Molecular formula	C ₂₈ H ₁₈ N ₂ O ₂ (4,4'-bis[2-(2-methoxyphenyl)ethyl]-1,1'-diphenyl)
Molecular weight	
Cas no.	40470-68-6
Finness	300 mesh min
Purity	99% min
Melting point	219-221 °C
Volatile content	0.5 % max

Formulation tips:

The recommended amount of FP127 in the unpigmented polyolefin: 0.0005-0.0010%
The recommended amounts in other plastics: 0.005-0.100%



CERTIFICATE OF ANALYSIS

Commodity:	OPTICAL BRIGHTENER FP-127		
Lot No.:	101911167	Date:	05TH NOV., 2019
Specifications			
ITEM	Standard	Result	
Main Content	99%Min	99.25%	
Appearance	Pale yellow powder	Pale yellow powder	
Melting point	218~224°C	219.3-221.7°C	
Volatile content	0.5%Max	0.25%	
Result	Qualified		

Charge:01

Analysis:05

