

# Solaris Chem PCBM – PC61BM CAS:160848-22-6

产品名称	Solaris Chem PCBM – PC61BM CAS:160848-22-6
公司名称	长沙巴溪仪器有限公司
价格	5000.00/瓶
规格参数	0.5g:100 1g:100 5g:100
公司地址	长沙市芙蓉区远大一路408号中栋406房
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## 产品详情

PCBM – PC61BMSOL5061

PCBM is the common abbreviation for the fullerene derivative, [6,6] phenyl-C61-butyric acid methyl ester and is one of the most commonly used electron-accepting materials in organic photovoltaic devices.

It is commonly used in flexible plastic or electronic solar cells in conjunction with an electron donor material such as [P3HT](#) (SOL4106), [PCDTBT](#) (SOL4280) or [PTB7](#) (SOL4700) to make high Open Circuit Voltage (Voc), high Power Conversion Efficiency (PCE) bulk heterojunction solar cells, >99.9% [6,6] isomerized.

It is a more practical choice for being an electron acceptor when compared to fullerenes due to its solubility in chlorobenzene. This allows for processable donor/acceptor solution mixtures, a necessary property for “ printable ” solar cells.

Description PCBM – PC61BM – SOL5061 CAS: 160848-22-6

PCBM is a derivative of fullerene C60, is one of the most commonly used electron-accepting materials in organic photovoltaic devices.

Used as an electron acceptor from Donor materials such as P3HT (SOL4106), PCDTBT (SOL4280), or PTB7 (SOL4700) to make high Open Circuit Voltage (Voc), high Power Conversion Efficiency (PCE) bulk heterojunction solar cells, >99.9% [6,6] isomerized. Available for large scale projects.

Choose between:

Grade > 99.00% (SOL5061B)

Grade > 99.50% (SOL5061A)

Grade: 99.90% (SOL5061Z)

Grade: 99.95% (SOL5061Y)