

Microkiller®

迈 抗 力



透明材质专用 无机抗菌剂

For Transparent Materials
Inorganic Antibacterial Agent



Microkiller® 透明材质专用无机抗菌剂能够维持透明基材的透明性，拥有高效的抗菌性能，解决了普通抗菌剂在加工时出现的透明度、雾度以及色差明显改变的现象。

Microkiller transparent material special inorganic antibacterial agent can maintain the transparency of transparent substrates, has efficient antibacterial properties, and solves the problem of obvious changes in transparency, haze and color difference during processing of ordinary antibacterial agents.

– 领先世界的抗菌缓释技术

The world's leading antibacterial sustained-release technology

– 具有优异的高透明性和抗变色性

Excellent high transparency and anti-discoloration properties

– 有效添加量低，添加后几乎不影响树脂性能

The effective addition amount is low, and the addition hardly affects the resin performance

– 拥有 EPA、FDA、NSF、BPR、EFSA、OEKO-TEX、SIAA、CIAA 等权威认证

It has authoritative certifications such as EPA, FDA, NSF, BPR, EFSA, OEKO-TEX, SIAA, CIAA, etc.

– 能广泛应用于日用品、家用电器、厨房卫浴、食品医疗、汽车建材等行业领域

Widely used in daily necessities, household appliances, kitchen and bathroom, food and medical, automobile and building materials and other industries



高透明性
High Transparency



长效保护
Long Lasting



高安全性
High Safety



性能稳定性
Stable Performance

Case 1: ABS Vacuum Cleaner Dust Collection Base Station

测试材质	外观参数				抗菌率 (%)	
	L*	a*	b*	Y(直接透射)	大肠杆菌	金黄色葡萄球菌
ABS (空白)	93.54	-0.58	2.26	86.63	—	—
ABS (含 0.7% MK-A-113)	94.07	-0.29	3.47	84.93	> 99	> 99

Case 1: PET Storage Box

测试材质	外观参数				抗菌率 (%)	
	L*	a*	b*	Y(直接透射)	大肠杆菌	金黄色葡萄球菌
PET (空白)	91.55	-0.49	4.37	83.98	—	—
PET (含 1.0% MK-X-108)	93.05	-0.59	2.66	81.45	> 99	> 99

Case 3: GPPS Lampshade

测试材质	外观参数				抗菌率 (%)	
	L*	a*	b*	Y(直接透射)	大肠杆菌	金黄色葡萄球菌
GPPS (空白)	94.82	-0.10	1.89	88.09	—	—
GPPS (含 0.4% MK-X-105)	94.67	-0.1	2.01	86.37	> 99	> 99

Case 4: PC Water tank

测试材质	外观参数				抗菌率 (%)	
	L*	a*	b*	Y(直接透射)	大肠杆菌	金黄色葡萄球菌
PC (空白)	94.73	-0.09	2.04	88.20	—	—
PC (含 1.5% MK-X-107)	93.49	-0.31	4.19	79.12	> 99	> 99