

For PV Aqueous Ceramics Coating

Ant-reflection effect of M-50CP

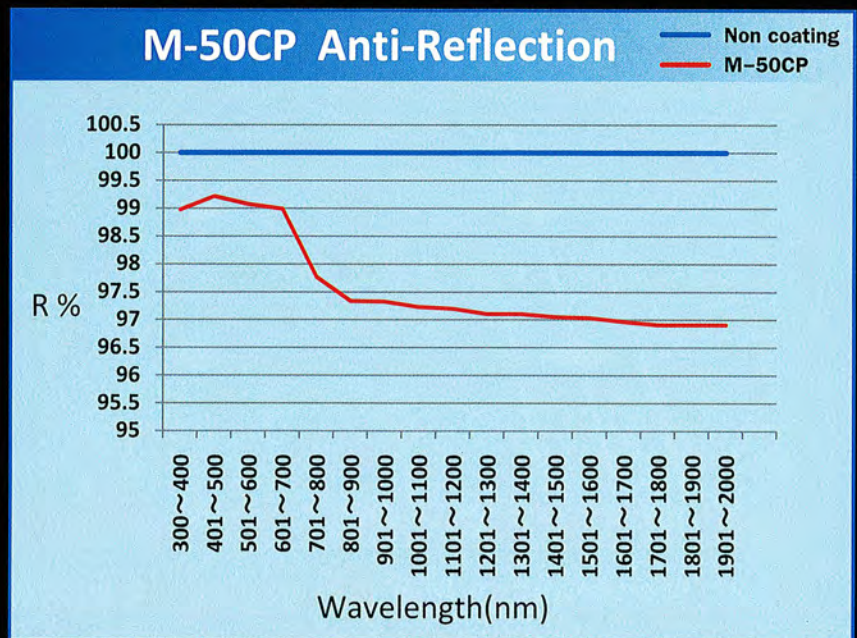
M-50CP surface coating has a fine texture is formed.(over 280 pcs to 1000nm²)

It is possible to improve various incidence light to take in.

Especially, near infrared ray (800~1200nm) can get more effectively.

Improve the generation of electricity due to an extension of time of day.

Wavelength (nm)	M-50CP	AR (%)
300~400	98.972	1.028
401~500	99.215	0.785
501~600	99.073	0.927
601~700	98.990	1.010
701~800	97.768	2.232
801~900	97.334	2.666
901~1000	97.322	2.678
1001~1100	97.229	2.771
1101~1200	97.197	2.803
1201~1300	97.100	2.900
1301~1400	97.102	2.898
1401~1500	97.051	2.949
1501~1600	97.035	2.965
1601~1700	96.965	3.035
1701~1800	96.908	3.092
1801~1900	96.908	3.092
1901~2000	96.908	3.092



Wavelength (nm)	Non coating	M-50CP
300-400	64.33025	64.79007
401-500	89.59532	89.72452
501-600	90.05557	90.66317
601-700	89.05025	89.65227
701-800	87.24585	88.82879
801-900	85.55534	87.2111
901-1000	84.63367	86.36766
1001-1100	84.30712	86.0895
1101-1200	84.39035	86.18197
1201-1300	84.81791	85.88406
1301-1400	85.6475	86.75296
1401-1500	87.66791	88.26417
1501-1600	87.78361	88.2465
1601-1700	88.22629	88.61746
1701-1800	88.34349	88.68674
1801-1900	88.28633	88.5957
1901-2000	88.224	88.56272

