

米特奈米
科技股份有限公司

Meter⁻⁹

Introduction of Solar Heat Shielding Coating, ATO (MESM05E55)

Meter Nano Technology.

<http://www.m-9.com.tw>

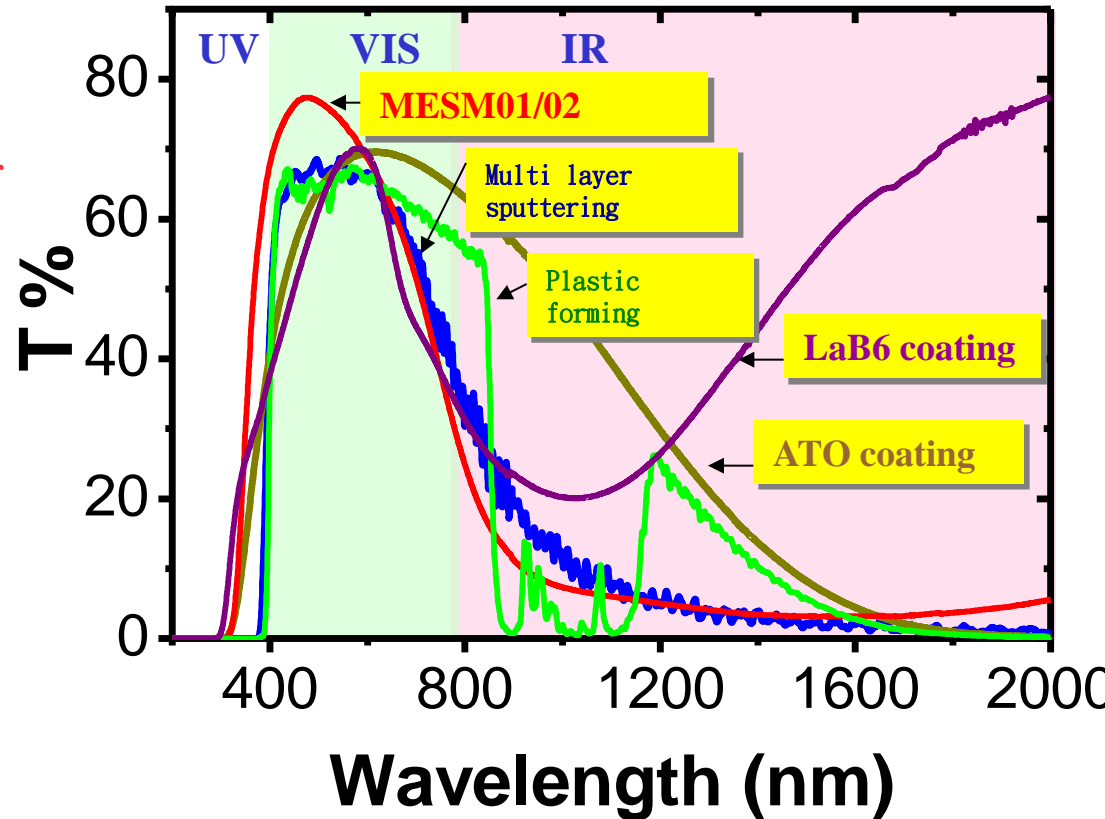
High Heat Shielding Technology Nano Coating Compare with Other Products

Characteristics of the Nano Coating

- ◆ High Transmittance, High heat shielding ($T_{vis}:60\%$, $R_{ir}:60\%$)
- ◆ By wet coating, easy to make
- ◆ Cost is cheaper than other similar products
- ◆ Using Metal Oxide, no fading
- ◆ No interference in RF Communication



Compare with other products



Specifications of MESM05E55.

- **Energy-Saving suspension MESM05E55(Thermal type):**
- (1)inorganic nano-sized metal oxide particles ATO were used, no fading.
- (2)filler content: 40wt%. Solvent EAC was used.
- (3)MESM05 compatible with UV resin, Thermal resin and PSA.
- (4)PET surface with chemical or corona treated is recommended for coating. Chemical treated is better in coating adhesion.

Transmittance vs. Solar Spectrum for the Coating Samples in different coating thickness

