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LUXBLOCK 306M
Reflective Pigment

- LUXBLOCK 306M is a translucent pigment with layers based on mica and titanium dioxide that transmits sunlight in an optimized way, allowing the visible spectrum of light to pass through while leaving out heat (UV and infrared) unlike conventional sunscreens, the translucent pigment doesn't let sunlight through.
- The pigments have a resistant coating in adverse weather conditions, making them suitable for outdoor use and applications where high resistance to moisture and/or ultraviolet light is required.
- This product is recommended for applications such as greenhouses, as it protects from heat without changing the color or filtering too much light (photoactive radiation), which is vital for plant growth.
- It can be used in the coloring of films, in co-extrusion with the polymer, and as a coating.
- It has an efficiency of 49% against 100% transparent materials, that is, it reduces the energy that passes into the interior by almost half.

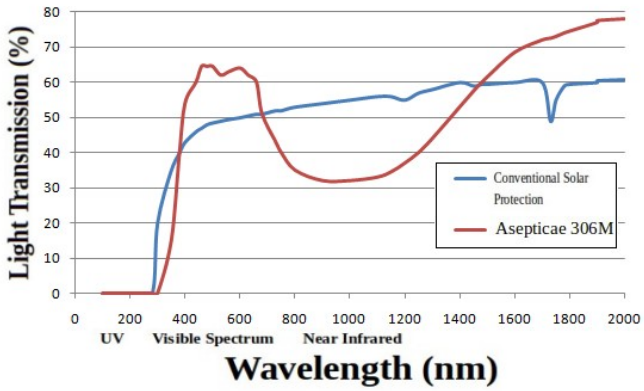

Fig. 1: Comparison between a conventional sunscreen paint and a paint containing LUXBLOCK 306M (applied on a 100 µm film). There is a greater transmission of visible light from the second.

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