

**Technology licensed by the CSIC (Spanish National Research Council)**

## **LUXBLOCK 307M**

### **Reflective Pigment**

- LUXBLOCK 307M 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 and leaves out heat (UV and infrared) unlike conventional sunscreens, they don't let sunlight through.
- The pigments have a resistant coating for 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 designed for building applications, due to its high reflection index and the refraction of the blue color, the psychological sensation of freshness increases.
- It can be used in the coloring of films, in co-extrusion with the polymer, and as a coating.
- It has an efficiency of 65% against 100% transparent materials, that is, it allows only 35% of the energy to pass inside the building.

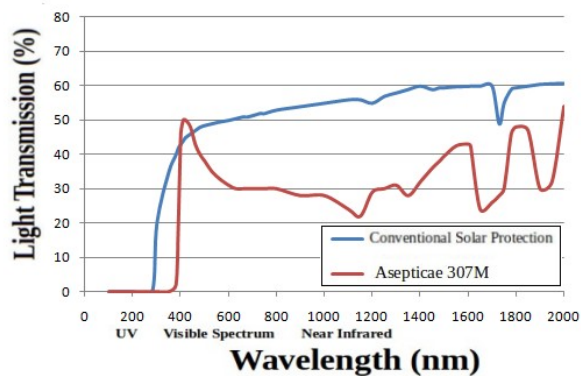


Fig. 1: Transmission of the incident solar radiation of a paint with LUXBLOCK 307M pigment against a conventional sunscreen paint. It shows a variable degree of transmission for different wavelengths (0-2000nm).



Open Media Solutions S.L.  
Lituania, 10. 12006 Castellon. España.  
Tlf. +34 964 861 816