

Low volatility metallic soap

(S-7000, 7000H, SC-120H, SM-120H)

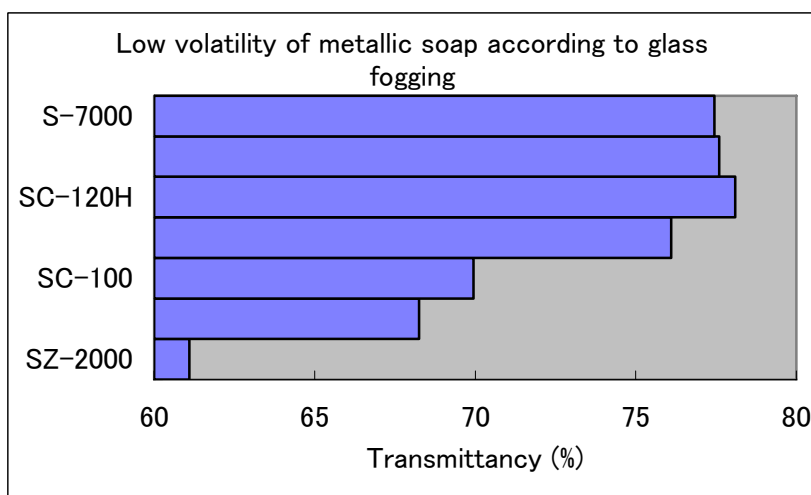
Materials used under high temperatures, such as those used in automobile interiors, should contain low amounts of volatile components.

Metallic soap used as, for example, pigment dispersant is also required to have such properties; this product is therefore suitable for such use.

Advantages

- Limited volatility from molded products and favorable fogging effect (evaluated using glass)
- Similar to most types of metallic soap, this product acts as a lubricant, mold lubricant, and dispersant.

Study results <Results>



<Composition> Polypropylene (block copolymer, MI=8) 100.0

Metallic soap 0.5

< Procedures >

- A study sample composed of the above was molded into a sheet with a thickness of 1mm using an injection moulding method.
- A glass container with a height of 60 mm was then placed on this sheet, which was heated at 150 °C from underneath.
- After 10 hours, fogging on the inner surface of the glass container was evaluated based on transmittancy, where a higher transmittancy was associated with lower volatility.

End.