

UNIQ[®] SPERSE P-145

Processing additive with mold release properties

UNIQ[®] SPERSE P-145 is a processing additive with mold release properties for low-shrink SMC and BMC. The zinc stearate that is usually used as a mold release agent is completely replaced by the additive, which can simplify raw material handling. The most important property is the anti-separation of the LS-SMC/BMC compounds and thus cobwebbing is reduced. Scrap rate is lowered due to reduced shrinkage and less warping. At the same time, the additive gives higher gloss, lower haze and improves color homogeneity. You can gain generally higher surface appearance of the finished parts.

If the finished parts are to be painted or bonded, no sanding is required, as **UNIQ[®] SPERSE P-145** is firmly anchored in the cured resin and does not migrate to the surface. Due to the low dosage of the additive, it is virtually cost neutral.

Special Features

- Processing additive for low-shrink SMC and BMC
- Excellent mold release properties
- Anti-separation of the LS-SMC/BMC compounds, reducing the cobwebbing
- Decreasing the haze
- Improving the gloss

Application

SMC(LS)	■
BMC/DMC	□

highly recommended ■
recommended □

Product Specification

Active ingredients	100 %
Density 20°C	0.94 g/cm ³
Flash point	> 100°C
Appearance	Slight brownish liquid

Addition levels

Amount of solid additive based on resin:

- Total resin: 2 – 2.5%
- Highly filled systems: 2 – 4%

The above recommended levels can be used for orientation and needs to be optimized by testing.

Packaging

- 22 kg

Shelf life

UNIQ[®] SPERSE P-145 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture.