VENATOR

Product Data Sheet

SACHTOPERSE® HU-N & HU-D

SACHTOPERSE® HU-N additive is a pure untreated synthetic barium sulfate with an average particle size of <0.1µm. SACHTOPERSE® HU-D additive is additionally modified with an organic coating to enhance dispersibility. The products must be uniformly dispersed to achieve their maximum efficiency and a high shear force bead milling of dispersions is recommended.

SACHTOPERSE® HU-N additive and HU-D additive are chemically inert and remain transparent even at high concentrations due to their low refractive index (1.64 of $BaSO_4$) and ultrafine particle size.

The Benefits of the Products Include:

- Acting as spacers for color pigments and providing stabilization against flocculation (subsequent deflocculating of flocculated paints is possible)
- Reducing Rub-Out effects, improving gloss and distinctiveness of image (DOI)
- Assisting rheology control (better edge coverage) and reducing sagging

Typical Properties	SACTOPERSE® HU-N additive	SACTOPERSE® HU-D additive
$BaSO_4$ content [%]	Ca. 99	Ca. 99
Organic treatment	None	Present
Brightness L* (powder)	Ca. 99	Ca. 99
Particle size d50 (sedigraph) [µm]	Ca. 0.04	Ca. 0.04
pH	Ca. 7	Ca. 9
Electrical conductivity [µS/cm]	Ca. 40	Ca. 80
Loss at 105°C [%]	< 0.5	< 0.5
Specific surface area [m^2/g]	Ca. 30	Ca. 30
C.A.S No.	7727-43-7	7727-43-7

This data sheet includes the typical properties of this pigment. It is not a specification, although specifications are available.

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Safety, Health and Environment

As for all fine powders, the handling of titanium dioxide pigments can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

Storage

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 6 months from delivery.

Contact Details

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