



PRODUCT DATA SHEET

K-GLOSSFILL 33

It is a multifunctional surface coated filler additive works in pigment space theory in major solvent based and solvent free coatings. Its organic surface modification improve better dispersion with reinforcement in polymer and coatings, improve adhesion to difficult substrate, very effective in polymer like polyamide, rubber, PU, Epoxy, PVC, UPR etc

Physical & chemical Data

Appearance: White free flow powder

Brightness : more than 90 %

PH of solution: 9.4 of 20 % solution

Chemical Nature: super ultra fine additive modified layered silicate of aluminum

Refractive Index: 1.62

Specific Gravity: 2.63

Oil Absorption: 38-40

Average Particle Size: 1.5 micron in sedigraph

HOW IT WORKS:

It is modified aluminum silicate during modification, chemical, morphological and mineralogical changes occur. It is used as a pigment and multifunctional additive in coating, ink, polymer, plastic, construction, polishes industry and a very effective opacifying extender in paint, partially replacing TiO₂, reducing the overall cost of paint formula but maintaining paint film quality. It is of high whiteness, chemical inertia, low impurity, high covering power. it can improve the mechanical performance of coating or polymer system, stability for stock, brushing property. Moreover, it can improve the mechanical properties such as the moisture resistance; impact resilience of the paint, the floatation resistance capacity of the pigment all can be improved.

APPLICATION:

Used as pigment extension agent in solvent and water based system, replace TiO₂ and others pigment as well.

- ✓ All type paints & primers,
- ✓ All type paste Ink, Plastisol, silkscreen Ink
- ✓ Epoxy ,PU ,UPR filled system
- ✓ Wood, metal, glass putty and fillers or sealer, polishes
- ✓ Reinforcement of Polymer like Neoprene, polyamide etc



DOSAGES:

FUNCTION	PAINTS	LQ INK	PASTE INK	FILLER	EPOXY	UPR
TiO2 extent	10-35	20-35	10-25	30-45%	35-45	34-40
Antisettling	2-5	2-6	25-30	-	same	
Dispersion	1-5	2-5	3-6	8-10	10-15	5-10
Water Resistance	1-5	1-6	2-6	3-8	3-8	10-15
Sandibility	2-3	2-5	2-5	7-9	5-6	20-25
Reinforce	4-5	3-7	3-8	8-1	10-15 %	10-18

STORAGE & SELF LIFE:

Keep the material tightly closed condition in dark cool places.
Self life is two years from manufacturing date.

Products Origin: formulated and distributed by surface speciality Chemie

PACKING:

22.68 KGS BAG PACK,

CUSTOMER CARE OR SERVICE CALL: 00-91-9830665596



Surface speciality Chemie, 13 Nagerbazar Road Gr.Floor

Kolkata.700074, westbengal, India

Email: surface_spl@yahoo.co.in, sschemie.ar@gmail.com

URL: www.sschemie.co.in

TELEFAX-00-91-25605161

Unit: Vill-Bodai, PO-Jugberia, Dist-24 PGS, Kolkata-700110, westbengal Indiaedition On JAN 2018