



# ***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 TiO<sub>2</sub>, 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 TiO<sub>2</sub> 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
<b>TiO2 extent</b>	10-35	20-35	10-25	30-45%	35-45	34-40
<b>Antisettling</b>	2-5	2-6	25-30	-	same	
<b>Dispersion</b>	1-5	2-5	3-6	8-10	10-15	5-10
<b>Water Resistance</b>	1-5	1-6	2-6	3-8	3-8	10-15
<b>Sandibility</b>	2-3	2-5	2-5	7-9	5-6	20-25
<b>Reinforce</b>	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**



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