



TATA

TATA CHEMICALS

Functionalized Zinc Oxide Grades



Sr. No.	Grade	Appearance	%Assay	% Non Volatiles	Bulk density	Dispersion media	Recommended dosage in %	Remarks
1	Zn Care C	White to off-white powder	30	100	1.1	----	1-5	For water based cosmetics as SPF booster, UVA Absorber Uses: Sunscreens, Lip balm etc.
2	Zing C Spl	White to off-white powder	>90%	100	1.5	----	0.5-10	Pure Grade functionalized ZnO suitable for all applications such as cosmetics, personal care products. REACH pre registered, ECOCERT certified. Uses: Diaper rash creams, BB Creams, Sunscreen, Talcum powder, Oral care products.
3	ZnSpers AB 50 Spl	Milky white, medium viscosity liquid	50	100	----	C12-C15 Alkyl Benzoate	2-10	Dispersion of functionalized ZnO in Alkyl Benzoate. Uses: Oil based Cosmetics & Personal Care products
4	ZnSpers AQ 40 Spl	Milky white, medium viscosity liquid	40	50	----	Water	1-10	Dispersion in water making easy to handle the product into the formulation. Avoids powder handling
5	ZnSpers CT 50 Spl	Milky white, medium viscosity liquid	50	100	----	Caprylic Capric Triglyceride	2-10 in Skin/ Sun Care 15-25 in Anti-Rash creams	Dispersion of functionalized ZnO in Caprylic Capric Triglyceride. Uses: Oil based Cosmetics, Baby Care and Personal Care products
6	ZnSpers Ti 50-2	Milky white, medium viscosity liquid	50	100	----	C12-C15 Alkyl Benzoate	2-10 for Organic Sunscreen products 10-50 for Inorganic Sunscreen products	Dispersion of functionalized ZnO & Titanium Dioxide combination in Alkyl Benzoate. Uses: Inorganic & Organic Sunscreen, Skin care products
7	ZnSpers T-40	Milky white, medium viscosity liquid	40	50	----	Toluene	2-10	Solvent based industrial paints and coatings. Protective paints and wood coatings. Rubber based adhesives
8	Zn Coat WD	White to off-white powder	30	100	1.1	----	0.2-1	Water based architectural interior and exterior coatings. Water based wood stains and coatings. Water based industrial coatings. Water based adhesives
9	Znmer	White to off-white powder	30	100	1.1	----	0.2-1	Thermoplastic polymers such as PE / PP / PVC Solvent based / solvent free protective coatings, wood stains, etc. Dry blend with colourant powders and Adhesives

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