

PRODUCT SPECIFICATIONS

Product: DMTMF50ZSI

INCI Name: Zinc Oxide (And) Dimethicone (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Triethoxycaprylylsilane

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>	
		<u>Min</u>	<u>/</u>	<u>Max</u>		<u>/</u>
001A	Appearance				Off white liquid, TMS	Visual
002A	Odor				Characteristic, TMS	Organoleptic
004A	Viscosity, cPs @ 25C				----	Brookfield Viscometer
007A	Specific Gravity, @25C				----	Weight per Gallon Cup
008A	Zinc Oxide, %	44.5		48.5		USP Method
012B	Microbiology				Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive	Current USP Microbial Limit Test
024G	Mean Particle Size, nm	150		200		Photon Correlation Spectroscopy
027M	Arsenic (As), ppm	0		3		ICP-MS Method
029P	Lead (Pb), ppm	0		10		ICP-MS Method
036A	Identification				To Match Standard	IR
996A	* Notes on Storage				Store under dry conditions and keep containers closed.	
998A	* Note				Dry zinc oxide powder meets USP requirements prior to surface treatment.	