

PRODUCT SPECIFICATIONS

Product: **NYLON 10-I2**

INCI Name: Nylon-12 (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine White Powder			Visual
002A	Odor	Odorless			Organoleptic
010B	Loss on Drying, %	0		2	Moisture Balance: 15 min @ 80° C
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
024E	Average Particle Size, µm	6		12	
027F	Arsenic, ppm	0		3	AAS
029H	Lead, ppm	0		20	AAS
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.			Float powder on water at room temperature
036A	Identification	To mach standard			IR
038A	Apparent Density, gm/cbi	1.5		5	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				

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