

## PRODUCT SPECIFICATIONS

### SP-500

INCI Name: Nylon-12

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Slightly Yellowish Powder	Visual
003H	Color, % (L value)	Min : 81	JSCI
006A	Water Soluble Substances (%)	Min : 0.00 - Max : 0.50	JSCI Method
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
024J	Particle Size Range, $\mu\text{m}$	90% less than 10 $\mu\text{m}$ 100% less than 20 $\mu\text{m}$	Light Scattering Sizer
025K	pH 16.7% Aq. Dispersion	Min : 6 - Max : 8	JSCI
026A	Heavy metals, ppm	Min : 0 - Max : 10	JSCI method
027G	Arsenic, ppm	Min : 0 - Max : 1	CTFA Method F 1-1, Silver Diethyldithiocarbamate
038D	Bulk (ml/g)	Min : 3.50 - Max : 6.00	JISK 5101
040A	Melting Point, C CTFA	Min : 165 - Max : 171	CTFA Method C3-1-Capillary Tube Method
041A	Moisture, %	Min : 0 - Max : 1	2hrs. @ 105°C
042B	Residue on Ignition, %	Min : 0.00 - Max : 0.50	3hrs. @ 500°C
998A	* Note	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	

*If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.*

Aug. 2010