

PRODUCT SPECIFICATIONS

PF-5 NYLON SP-500

INCI Name: Nylon-12 (And) C9-15 Fluoroalcohol Phosphate

Test ID	Test Name	Specification	Test Methods
001A	Appearance	White to Light Yellow Fine Powder	Visual
002A	Odor	Odorless	Organoleptic
010C	Loss on Drying, %	Min : 0 - Max : 3	3hrs. @ 105°C/USP Method
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
022A	Chloride	Not Yield White Precipitate	JSCI Test of Chloride
023A	Diethanolamine	Not Show Blue in Solution	JSCI Test of Diethanolamine
025F	pH 5% Aq. Ethanol	Min : 5 - Max : 7	5% dispersion in 30% aqueous ethanol
027G	Arsenic, ppm	Min : 0 - Max : 2	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 20	Weak Acid Extraction AA Method
033B	Hydrophobicity	0.1g of material does not sink in 50 ml water bath	Float powder on water at room temperature
036A	Identification	To Match Standard	IR
042B	Residue on Ignition, %	Min : 0 - Max : 2	3hrs. @ 500°C
047A	Lipophobicity	0.1g of material does not sink in 50 ml paraffin bath.	

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

Aug. 2010