

PRODUCT SPECIFICATIONS

KNY-1.7

INCI Name: Nylon-6 (And) Silica (And) Titanium Dioxide

Test ID	Test Name	Specification	Test Methods
001A	Appearance	White fiber of uniform length, free of foreign matter	Visual
002A	Odor	odorless	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 5	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
025D	pH 1% Aq. Soln.	* Min : 6.50 - Max : 8.50	pH meter
027G	Arsenic, ppm	Min : 0 - Max : 1	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
036A	Identification	To Match Standard	IR
068B	Length, mm	Min : 0.30 - Max : 1.50	Measurement under microscope
997A	* Note2	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	
998A	* Note	Specific surface area: about 0.48 m ² /g. * pH: (1g dispersed in 99ml's of pH 6-8 H ₂ O) Thickness: 14.9 microns	

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

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