



Product Specification

<b>Simeticone (Felix-110)</b>	Date 29.03.07	Reference <b>EP/BP</b>
Material Specification No. FLX-03	New	Page No 1 of 2
PRODUCT	:	Simeticone 100%
DESCRIPTION	:	Viscous, grayish-white, opalescent liquid.
SOLUBILITY	:	Practically insoluble in water, very slightly soluble to practically insoluble in ethanol, practically insoluble in methanol, partly miscible with ethyl acetate, methylene chloride, methyl ethyl ketone and toluene.
IDENTIFICATION	:	A. By Infrared absorption. B. By colouration C. By reaction of silicates.
ACIDITY	:	NMT 0.15ml of 0.01M of NaOH
DEFOAMING ACTIVITY	:	Not more than 15 Seconds
MINERAL OILS	:	Fluorescence at 365 nm < 0.1 ppm of quinine sulphate R in 0.005M sulphuric acid.
PHENYLATED COMPOUNDS	:	Absorbance between 250 nm and 270 nm is not greater than 0.2.
HEAVY METAL	:	NMT 10 ppm
VOLATILE MATTER	:	NMT 1.0%
ASSAY PDMS	:	90.5% to 99 %
SILICA	:	4 to 7 %
Prepared by	Checked & approved by	



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VISCOSITY : range 500-700 cSt  
(Brookfield Viscometer) 1000-1300 cSt  
spindle-LV, @30 rpm & 25°C. 2200-2500 cSt

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