

Laboratory Central Quality Control Laboratory, Processing and Quality Control Division, Department of Processing & Product Development, RRII, Rubber Board, P. O. Kottayam, Kerala

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 24.05.2015

Certificate Number T-3417 **Valid Until** 23.05.2017

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / limits of Detection
I.	RUBBER & SYNTHETIC RUBBER			
1.	Raw Natural Rubber	Dirt content	IS3660 (Part1): 1999 (RA 2003) 3 rd Revision	(0.01 to 5) %
		Volatile matter	IS3660 (Part2): 1985 (RA 2000) Amendment No.1	(0.01 to 5) %
		Ash content	IS 3660 (Part3): 1988	(0.05 to 5) %
		Nitrogen content	IS 3660 (Part 10) : 2000 1 st Revision	(0.01 to 3) %
		Colour (Lovibond scale)	IS3660 (Part13): 1997 (RA 2003)	Qualitative (2.5 to 27)
2 (a)	Ammonia Preserved Concentrated Natural Rubber Latex (Cenex)	Colour	IS 5430-1981	Qualitative (White)
		Odour	IS:5430-1981	Qualitative (Not putrefied)
		Dry rubber content	IS 3708 (Part 1): 2013 2 nd Revision	(50 to 65) %
		Non rubber solids	IS 3708 (Part 1): 2013 2 nd Revision IS 9316 (Part 4): 1988 (RA 2009)	(0.5 to 3) %
		Coagulum content	IS 9316 (Part 3): 1987 (RA 2008) Amendment No.1	(0.001 to 2.0) %

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	Ammonia Preserved Concentrated Natural Rubber Latex (Cenex)	Sludge content	IS 3708 (Part 2)-1988 (RA 2009) Revision No.1	(0.01 to 2.0) %
		Alkalinity as ammonia	IS 3708 (Part 4): 2009 2 nd Revision	(0.1 to 2.0) %
		Potassium hydroxide number (KOH Number)	IS 3708 (Part 5): 2005 2 nd revision	0.1 to 4
		Volatile fatty acid number (VFA number)	IS 3708 (Part 7): 2005 2 nd revision, Amendment No.1	0.01 to 3
		Copper content	IS 9316 (Part 7): 1987	(0.1 to 10) mg/kg
		Manganese content of total solids	IS 9316 (Part 9): 1987	(0.1 to 10) mg/kg
2(b)	Preserved Field latex (PFL)	Dry Rubber Content,	IS 3708 (Part 1): 2013, 2 nd Revision	(20 to 50) %

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