

# ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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REPORT No. RP-1314-009681		DATE: 13-9-2013	SHEET 2 OF 2	
Sr. No	Particular of tests & Cl. No.	Requirements as per specification	Obtained value	Remarks
1.	Volume resistivity in air at 25°C, Ω-cm Cl. No. 19 Applied voltage: 500 V DC Time of electrification: 60 sec	--	9.0 x 10 <sup>12</sup>	--
2.	Electric strength in air at 25°C, kV/mm Cl. No. 20	--	32.2	--
	Breakdown voltage in air at 25°C, kV	--	14.1	--
3.	Dissipation factor and dielectric constant at 25°C, 250 V & 50 Hz Cl. No.21			
	- Dissipation factor	--	0.074	--
	- Dielectric constant	--	10.9	--

*Dr. Sheth*  
PREPARED BY

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