

Laboratory Himadri R & D Centre, Unit of Himadri Chemicals and Industries Ltd.,
(Department of Chemical Testing Laboratory), Vill.- Mahistikry, P.O &
P.S.- Haripal, Dist. Hooghly, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 28.05.2015

Certificate Number T-2425 **Valid Until** 27.05.2017

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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
1.	CBFS	Specific Gravity	ASTM D-1298-12B	0.8 to 2.0
		Viscosity	ASTM D-88-07: 2013	28 to 360
		Ash	ASTM D 482: 13	0.005 % to 1.0 %
		Sulphur	ASTM D 129: 13	0.01 % to 10 %
		Flash Point	ASTM D 93: 13 ^{E1}	30 °C to 250 °C
		Asphaltene Content	ASTM D-6560: 12	0.01 % to 60 %
		Water	ASTM D-95: 13 ^{E1}	0.01 % to 10 %
		Calorific Value	ASTM D-240: 14	8000 Cal to 11000 Cal
2.	Carbon Black	I ₂ No.	ASTM D-1510: 2013	27 mg/g to 160 mg/g
		DBP No.(OAN)	ASTM D-2414: 2014	(60 cc to 130 cc)/100 g
		24M ₄ DBP No (COAN)	ASTM D-3493: 2014	60 cc/100g to 110 cc/100g
		N ₂ SA	ASTM D-6556: 2014	25 m ² /g to 125 m ² /g
		STSA	ASTM D-6556: 2014	20 m ² /g to 120 m ² /g
		TINT (ITRB#3)	ASTM D-3265: 2014	52 % to 125 %
		P.D.	ASTM D-1513: 05 (2012)	290 kg/m ³ to 560 kg/m ³
		pH	ASTM D-1512: 05 (2012)	4 to 13

Rini Narayan
Convenor

N. Venkateswaran
Program Manager

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	Carbon Black	Ash	ASTM D-1506: 99 (2013)	0.001 % to 2.0 %
		CTAB	ASTM D-3765: 2010	30 m ² /g to 125 m ² /g
		S.R# 325	ASTM D-1514: 04 (2011)	0.01 to 2.0
		S.R# 100	ASTM D-1514: 04 (2011)	0.005 to 2.0
		S.R# 35	ASTM D-1514: 04 (2011)	0.0001 to 2.0
		Fines 5 %	ASTM D-1508: 12	1 % to 50 %
		Pellet Hardness	ASTM D-5230: 14	5 gf to 200 gf
		Heating Loss	ASTM D-1509: 95 (2012)	0.1 % to 60 %
		T.D.	ASTM D-1618: 99 (2011)	20 % to 100 %
		Mass strength	ASTM D-1937: 13	5 kgf to 50 kgf

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