



Document : *Specification*

Title: *EI-02 SEMI - CONDUCTIVE BLACK*

SI.No.	CHARACTERISTICS	UNIT	TEST METHOD	SPECIFICATION
1	Iodine Number	mg/g	ASTM D-1510	45 ± 05
2	B.E.T Surface area	m ² /g	ASTM D-6556	50 ± 05
3	Stratistical Thickness Surface Area	m ² /g	ASTM D-6556	48 ± 05
4	Heat Loss	Wt %	ASTM D-1509	1.0 Max
5	Ash Content	Wt %	ASTM D-1506	< 0.6
6	pH Value		ASTM D-1512	6.0 ± 1.0
7	Sieve Residue - 325 Mesh	ppm	ASTM D-1514	< 10.0
8	Sieve Residue - 35 Mesh	ppm	ASTM D-1514	Nil
9	DBP Absorption No.	ml/100g	ASTM D-2414	120 ± 05
10	Pour Density	Kg/m ³	ASTM D-1513	-
11	Total Sulfur Content	%	ASTM D-1619	< 0.75
12	Total Extractable Ions**	ppm	CTM EX - AN2	< 140

**** Ions like Na,Si, Ca, Al,K, Cr, Sr,Mg,Va,Zn.Ba.Fe**