

Specification parameters acc. ASTM D5900

IRM 100	ASTM Designation	Unit	Mean	Within lab			Between labs		
				Sr	2 x Sr	3 x Sr	SR	2 x SR	3 x SR
BET SA	D1993	m <sup>2</sup> /g	164.5	1.23	2.46	3.71	2.36	4.72	7.08
CTAB SA	D6845	m <sup>2</sup> /g	162.8	0.67	1.34	2.00	2.29	4.59	6.88
Volatile Matter	D6738	%	3.2	0.12	0.23	0.35	0.13	0.27	0.40
pH (5%)	D6739		5.9	0.04	0.08	0.12	0.08	0.16	0.24
Conductivity (4%)	ISO 787	µS/cm	146.4	2.24	4.48	6.73	7.13	14.27	21.40
Loss on Ignition (orig. mat.)	ISO 3262	%	5,9	0.07	0.14	0.21	0.18	0.36	0.54

Additional information

	ASTM Designation	Unit	Mean	Within lab			Between labs		
				Sr	2 x Sr	3 x Sr	SR	2 x SR	3 x SR
Sears Number	D8016	mL/1.5 g	7.0	0.17	0.34	0.51	0.31	0.62	0.93
Oil Absorption (DOA)	ISO 19246	mL/100g	279.1	0.73	1.46	2.18	7.44	14.88	22.32
Particle size, d50%	ISO 13320	µm	12.2	0.04	0.08	0.12	0.46	0.92	1.38

January 2021