

CATALOGUE SHEET: COAL REFERENCE SAMPLES - 05th FEBRUARY 2019

LIST OF SPECIFICATIONS

1. PULVERISED COAL LESS THAN 212um (DRY BASE RESULTS)

(Available in 250g units except CRM 037 and CRM 048 which is in 50g units,) (CRM 042 onwards available in 200g units)

PRODUCT	ISO ASH%	ISO VOLATILES (%)	CALORIFIC VALUE (MJ/Kg)	TOTAL SULPHUR (%)	PHOSPHORUS IN COAL (%)	TOTAL CARBON (%)	HYDROGEN (%)	NITROGEN (%)	AFT (REDUCING) DEFORMATION (°C)	AFT (REDUCING) SOFTENING (°C)	AFT (REDUCING) HEMISPHERE (°C)	AFT (REDUCING) FLOW (°C)
CRM 014	21.76	8.72	27.14	0.85	0.019	71.44	2.72	1.47	1325	1379	1415	1460
CRM 016	31.32	18.26	21.92	1.86	0.030	56.64	2.64	1.53	1284	1317	1346	1387
CRM 020	25.09	12.39	25.28	1.34	0.033	65.83	2.72	1.68	1258	1290	1313	1355
CRM 021	28.60	20.18	22.78	1.14	0.027	59.15	3.02	1.51	1380	1408	1430	1473
CRM 024	15.51	26.76	27.92	0.96	0.031	-	-	-	-	-	-	-
CRM 025	23.93	22.60	24.30	0.59	0.036	-	-	-	-	-	-	-

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CRM 026	31.63	9.69	22.68	2.10	-	-	-	-	-	-	-	-
CRM 028	17.86	10.06	28.66	0.95	-	-	-	-	-	-	-	-
CRM 030	25.52	17.15	24.35	1.34	-	-	-	-	-	-	-	-
CRM 031	27.94	18.47	23.01	1.62	0.027	59.02	2.90	1.53	1325	1350	1390	1455
CRM 034	17.54	23.19	27.59	0.74	-	-	-	-	-	-	-	-
CRM 035	27.55	15.46	24.16	1.92	0.039	62.17	2.98	1.71	1369	1394	1419	1452
CRM 036	13.38	8.28	30.55	2.28	0.088	-	-	-	-	-	-	-
CRM 037	-	-	-	4.74	-	-	-	-	-	-	-	-
CRM 038	15.02	23.63	28.35	0.73	0.090	-	-	-	-	-	-	-
CRM 039	14.65	17.89	30.24	1.67	0.040	-	-	-	-	-	-	-
CRM 040	10.52	36.37	30.05	1.15	0.008	-	-	-	-	-	-	-
CRM 041	29.60	17.96	22.87	1.67	-	-	-	-	-	-	-	-
CRM 042	40.79	21.25	16.70	0.85	0.058	44.32	2.48	1.07	-	-	-	-
CRM 043	14.69	23.85	28.31	0.55	0.102	71.85	3.79	1.64	-	-	-	-

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CRM 044	28.20	20.08	23.00	1.30	0.047	-	-	-	-	-	-	-
CRM 045	10.70	27.61	29.63	0.59	0.035	-	-	-	-	-	-	-
CRM 046	16.65	19.36	29.31	1.49	0.039	-	-	-	-	-	-	-
CRM 047	23.59	21.56	24.42	0.92	0.097	-	-	-	-	-	-	-
CRM 048	4.97	2.33	32.30	0.24	0.018	91.34	1.31	0.91	-	-	-	-
CRM 049	25.23	17.23	24.40	0.98	0.052	-	-	-	-	-	-	-
CRM 050	13.19	27.10	28.35	0.45	0.141	-	-	-	-	-	-	-
CRM 051	30.98	21.73	21.52	1.12	0.075	55.80	2.91	1.30	1359	1373	1390	1448
CRM 052	24.00	23.09	24.54	0.92	0.028	-	-	-	-	-	-	-
CRM 053	14.37	27.71	27.98	0.47	0.129	71.03	4.00	1.68	-	-	-	-

Benzoic acid, traceable to NIST

**Available in 1g and 0.5g weights
100 pills per bottle.**

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