

ACCREDITED REFERENCE MATERIAL (GA ARM) : CATALOGUE

ACCREDITED TO ISO 17034 : General requirements for the competence of reference material producers.

(Available in 250g units except , GA ARM048, GA ARM 062 which is in 50g units,) (GA ARM042 onwards available in 200g units)

LIST OF SPECIFICATIONS FOR GENERAL ANALYSIS SAMPLES-Version 02/05/2024

PULVERISED COAL LESS THAN 212 μ m, < 60 MESH (DRY BASE RESULTS)

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)
GA -ARM 019	64.11	10.30	9.55	3.02	-	-	-	-	-	-	-	-
GA -ARM025	-	-	-	0.59	0.036	-	-	-	-	-	-	-
GA -ARM026	-	-	-	2.10	-	-	-	-	-	-	-	-
GA- ARM 027	-	-	-	0.82	0.015	-	-	-	1350	1375	1405	1430
GA -ARM028	-	-	-	0.94	-	-	-	-	1228	1253	1277	1325
GA ARM029	-	-	-	2.24	-	-	-	-	-	-	-	-
GA- ARM030	-	-	-	1.34	-	-	-	-	1383	1418	1446	1488
GA -ARM034	-	-	-	0.74	-	-	-	-	-	-	-	-
GA- ARM036	13.18	10.03	29.70	2.23	0.091	-	-	-	-	-	-	-
GA- ARM038	15.05	23.53	28.06	0.76	0.079	-	-	-	-	-	-	-

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GA- ARM039	14.65	17.89	30.24	1.67	0.040	-	-	-	-	-	-	-
GA- ARM041	29.33	18.64	22.40	1.67	0.038	57.95	2.85	1.51	1295	1330	1373	1415
GA- ARM042	40.69	21.43	16.44	0.82	0.061	44.17	2.43	1.03	-	-	-	-
GA ARM045	10.53	27.42	28.83	0.60	0.033	73.15	4.04	1.70	-	-	-	-
GA- ARM046	16.57	20.08	28.65	1.47	0.037	71.40	3.77	1.86	1330	1359	1390	1430
GA- ARM047	23.49	21.72	24.09	0.91	0.093	61.95	3.06	1.45	-	-	-	-
GA- ARM048	4.95	3.07	32.08	0.26	0.017	90.45	1.35	0.95	-	-	-	-
GA- ARM049	25.07	17.87	23.96	0.98	0.052	63.39	2.97	1.40	-	-	-	-
GA- ARM050	13.06	26.73	27.74	0.45	0.147	70.68	3.87	1.73	-	-	-	-
GA- ARM052	23.81	23.01	24.14	0.90	0.033	61.75	3.32	1.49	-	-	-	-
GA- ARM053	14.33	27.40	27.58	0.46	0.138	70.04	4.08	1.70	-	-	-	-
GA- ARM054	22.73	25.23	24.66	0.93	0.032	62.71	3.69	1.53	1390	1420	1450	1490
GA- ARM055	18.94	23.96	25.56	0.55	0.099	66.43	3.57	1.58	-	-	-	-
GA- ARM056	33.53	19.37	20.23	0.98	0.043	53.05	2.84	1.20	-	-	-	-
GA- ARM 058	15.77	28.31	27.57	0.54	0.083	69.24	4.02	1.66	1390	1416	1455	1490
GA- ARM 059	29.98	22.87	21.48	1.80	0.013	54.81	3.11	1.46	1280	1310	1340	1400
GA- ARM 060	19.12	20.94	27.24	1.56	0.034	68.67	3.63	1.74	1345	1375	1400	1435
GA- ARM 061	12.26	35.60	29.44	1.07	0.024	71.34	4.73	1.57	1405	1430	1460	1490

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GA- ARM 062	-	-	-	6.00	-	-	-	-	-	-	-	-
GA-ARM 063	19.33	33.49	27.41	1.22	0.014	66.65	4.46	1.43	1230	1270	1310	1360

PRODUCT	ASTM ASH%	ASTM VOLATILES (%)	Chlorine	FLUORINE
GA- ARM039	14.65	18.57	-	-
GA- ARM042	40.90	21.75	-	-
GA- ARM046	16.65	20.44	-	142
GA- ARM048	5.03	2.94	607	58
GA- ARM 049	25.23	19.02	136	153
GA- ARM050	13.04	27.28	-	295
GA- ARM053	14.38	-	-	-
GA- ARM 054	22.88	26.35	-	-
GA- ARM 056	33.58	20.32	-	-
GA- ARM 058	15.70	29.03	-	-
GA- ARM 060	19.35	21.19	-	-

**ASTM Ash, Volatile matter and Quick ash not accredited

**Chlorine /Florine not accredited, and values are indicative

Accredited Benzoic acid pellets, traceable to NIST

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

CONTACT DETAILS

Mall: ravi@coalconcepts.co.za

Phone: +27 35 751 2446 Mobile: +27 83 6500 151

Unit 10, 81 Ceramic Curve , Richards Bay, KZN , South Africa