

Type	Semi Hard Coking Coal	Semi soft Coking Coal	Thermal Coal (A)		Thermal Coal (B)		Thermal Coal (C)		Anthracite	
Country	Australia	Australia	Australia		Indonesia		Indonesia		Vietnam	
Quality									Washed	Unwashed
Total Moisture	9%	8-10%	8-10%		15-18%		24%		8-10%	8-10%
Inherent Moisture	2%	3%	3%		11%		17%		-	-
Volatile Matter	30-40%	30-40%	35%		41%		38%		3.00%	3.50%
Fixed Carbon	50%	50%	50%		43.50%		41%		88.50%	81.50%
Ash	8-10%	8-10%	12-15%		4.50%		4%		8.50%	15%
Total Sulphur	0.5-1.0%	0.5-1.0%	0.5-0.8%		1.00%		4.50%		0.85%	0.95%
Fluidity	3,000ddpm	300-500ddpm	-		-		-		-	-
Crucible Swelling Number	6--8	1--4	-		-		-		-	-
Calorific Value		7,300kcal/kg	6,900kcal/kg		6,400kcal/kg				7,300 kcal/kg	6,600 kcal/kg
Ash Fusion Temperature	-	-	Reducing Atmosphere	Oxidizing Atmosphere	Reducing Atmosphere	Oxidizing Atmosphere	Reducing Atmosphere	Oxidizing Atmosphere	-	-
Initial Deformation	-	-	1380c	1280c	1150c	-	1250c	-	-	-
Hemispherical Deformation	-	-	1450c	1400c	1200c	-	1350c	-	-	-
Flow Deformation	-	-	1480c	1450c	1250c	-	1400c	-	-	-
Hardgrove Grindability Index	50+	50-55	45-50		45		45		35-37	

Contact

Mr. Chandrakant Sadadekar/ Mr Atul Sadadekar
Nippondo Corporation
20, Sadadekar House, 3rd Floor, D.L.Vaidya Road, Shivaji Park, Dadar (W), Mumbai- 400028, INDIA

(T) 0091-22-24334457/ 58/ 60 (F) 0091-22-24334459
(E) chandrakant@sadadekar.com/ atul@sadadekar.com

