

SPECIFICATION OF NON FERROUS METALS PRODUCTS

ALUMINIUM GRANULES

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (MM):	4-10	S:	0.001% MAX
		P:	0.001% MAX
		PURITY:	99%

ALUMINIUM INGOTS

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (KG):	10/20 KGS	S :	0.001% MAX
		P:	0.001% MAX
		PURITY:	99.7%

ZINC INGOTS

SPECIFICATIONS	
Zn	Zn:99.9%
Pb	0.003%
Cd	0.003%
Fe	0.002%
Cu	0.001%

COPPER CUT CATHODES

PHYSICAL COMPOSITION	ICC	KCC
LENGTH	960mm	940mm
WIDTH	945-950mm	815mm
THICKNESS	10mm	11+2mm
WEIGHT	100Kg(Approx)	80-90kg
CHEMICAL COMPOSITION		
Element	(ppm)	(ppm)
Se	<0.5	0.9-1.1
Te	<0.6-1.00	0.8-1.1
Bi	0.1	<1.0
Cr	–	–
Mn	–	–
Sb	<0.5	<1.0
Cd	–	–
As	<0.5	<0.5
P	–	–
Pb	<0.1	<1.0
S	<12	8-12
Sn	<0.5	-
Ni	<2	1-3
Fe	<3	5.0-9.0
Si	–	–
Zn	<0.1	–
Co	–	<1.0
Ag	<10	5.0-7.0
Oxygen	<100	<100
ASTMB-115/95 and/or Cu-CATH-1 grade of BSEN 1978-1998 equivalent to LME Grade-1.		