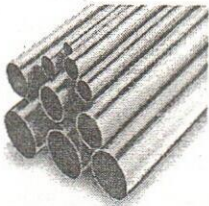


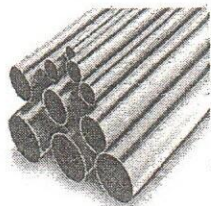
TECHINICAL SPECIFICATION OF PIPE CUPRONICKEL

Ser	Particulars	Description
1.	Name of Item	Pipe Cupronickel
2.	Quantity	As per demand
3.	Purpose	Required for pipe line renewed
4.	Technical Parameters	a. Size Bore: 51 mm, Thickness: 3 mm
		b. Density 8.90 g/cm ³
		c. Melting temperature Cu Ni 90/10 - 1130° C
		d. Specific Heat 377 J/kg-K
		e. Material Cupronickel
5.	Country of Origin	China/ India/ Korea
6.	Country of Manufacture	China/ India/ Korea
7.	Year of Manufacture	Not before 2021
8.	Source of Supply	To be mentioned
9.	Port of Shipment	To be mentioned
10.	Manufacturer's Name and Address	To be mentioned
11.	Supplier/ Local Agent	To be mentioned
12.	Certificate and document of Authentication	(a) Authorized Distributor Certificate (b) Classification Society/ Standard certificate
13.	Packing/ Labeling	To be packed and labeled for International Shipping
14.	Warranty	At least 12 month from the date of acceptance
15.	Installation	NA
16.	Test, Trial and acceptance	NA
17.	Site Visit (Focal Point)	NA
18.	Training	NA
19.	Accessories	NA
20.	Picture	

CD/1797/22

UPR/109354

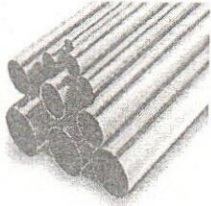
TECHINICAL SPECIFICATION OF PIPE CUPRONICKEL

Sl. No.	Particulars	Description
1.	Name of Item	Pipe Cupronickel
2.	Quantity	As per demand
3.	Purpose	Required for pipe line renewed
4.	Technical Parameters	a. Size Bore: 76 mm, Thickness: 4 mm
		b. Density 8.90 g/cm ³
		c. Melting temperature Cu Ni 90/10 - 1130° C
		d. Specific Heat 377 J/kg-K
		e. Material Cupronickel
5.	Country of Origin	China/ India/ Korea
6.	Country of Manufacture	China/ India/ Korea
7.	Year of Manufacture	Not before 2021
8.	Source of Supply	To be mentioned
9.	Port of Shipment	To be mentioned
10.	Manufacturer's Name and Address	To be mentioned
11.	Supplier/ Local Agent	To be mentioned
12.	Certificate and document of Authentication	(a) Authorized Distributor Certificate (b) Classification Society/ Standard certificate
13.	Packing/ Labeling	To be packed and labeled for International Shipping
14.	Warranty	At least 12 month from the date of acceptance
15.	Installation	NA
16.	Test, Trial and acceptance	NA
17.	Site Visit (Focal Point)	NA
18.	Training	NA
19.	Accessories	NA
20.	Picture	

UPR/109355

CD/17798/22

TECHINICAL SPECIFICATION OF PIPE CUPRONICKEL

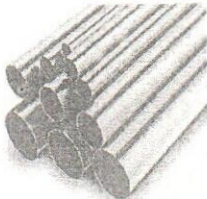
Particulars	Description
Name of Item	Pipe Cupronickel
Quantity	As per demand
Purpose	Required for pipe line renewed
Technical Parameters	a. Size Bore: 32 mm, Thickness: 2 mm
	b. Density 8.90 g/cm ³
	c. Melting temperature Cu Ni 90/10 - 1130° C
	d. Specific Heat 377 J/kg K
	e. Material Cupronickel
Country of Origin	China/ India/ Korea/China
Country of Manufacture	China/ India/ Korea/China
Year of Manufacture	Not before 2021
Source of Supply	To be mentioned
Port of Shipment	To be mentioned
Manufacturer's Name and Address	To be mentioned
Supplier/ Local Agent	To be mentioned
Certificate and document of Authentication	(a) Authorized Distributor Certificate (b) Classification Society/ Standard certificate
Packing/ Labeling	To be packed and labeled for International Shipping
Warranty	At least 12 month from the date of acceptance
Installation	NA
Test, Trial and acceptance	Item to be tested in user premises after receiving, upon satisfactory test/trial the acceptance report will be submitted
Site Visit (Focal Point)	NA
Training	NA
Accessories	NA
Picture	

UPR/105876



M RAIHAN MAHFUZ
Lt Cdr BN
Officer in Charge
Ship Fitting Shop

TECHINICAL SPECIFICATION OF PIPE CUPRONICKEL

Particulars	Description
Name of Item	Pipe Cupronickel
Quantity	As per demand
Purpose	Required for pipe line renewed
Technical Parameters	a. Size Bore: 51 mm, Thickness: 2 mm
	b. Density 8.90 g/cm ³
	c. Melting temperature Cu Ni 90/10 - 1130° C
	d. Specific Heat 377 J/kg-K
	e. Material Cupronickel
Country of Origin	China/ India/ Korea/China
Country of Manufacture	China/ India/ Korea/China
Year of Manufacture	Not before 2021
Source of Supply	To be mentioned
Port of Shipment	To be mentioned
Manufacturer's Name and Address	To be mentioned
Supplier/ Local Agent	To be mentioned
Certificate and document of Authentication	(a) Authorized Distributor Certificate
	(b) Classification Society/ Standard certificate
Packing/ Labeling	To be packed and labeled for International Shipping
Warranty	At least 12 month from the date of acceptance
Installation	NA
Test, Trial and acceptance	Item to be tested in user premises after receiving, upon satisfactory test/trial the acceptance report will be submitted
Site Visit (Focal Point)	NA
Training	NA
Accessories	NA
Picture	

LPR/105875



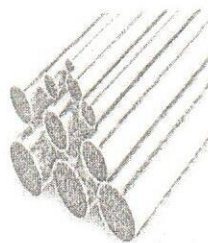
M RAIHAN MAHFUZ
Lt Cdr BN
Officer in Charge
Ship Fitting Shop

TECHNICAL SPECIFICATION OF PIPE CUPRO NICKEL 90/10

1. Name of Item : Pipe Cupro Nickel 90/10
2. Size : (BxT)-(152x6.00) mm.
3. Quantity : As per demand.
4. Composition of Material :

Nominal Composition%	Copper	Nickel
Cu Ni 90/10	90	10

5. Melting temperature : Cu Ni 90/10 - 1130° C
6. Density : 8.90 g/cm³
7. Specific Heat : 377 J/kg K
8. Purpose : Required for BN SHIPS.
9. Year of Manufacture : Not before 2021.
10. Country of Origin : Thailand/ Korea/ Japan/ USA/ China.
11. Product Certificate : A product certificate showing chemical composition and mechanical properties is to be given by the manufacturer during tender submission and also during supply of the items.
12. Packing : Commercial packing.
13. Image :



Pipe Cupro Nickel

Upt/103390/A B/2/22

For ISMA

M RAIHAN MAHFUZ
Lt Cdr BN
Officer in Charge
Ship Fitting Shop