



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

AA 55609

POTASSIUM CYANIDE FOR ELECTROPLATING

1.0 GENERAL:

This specification governs the quality requirements Potassium cyanide for Electroplating.

2.0 APPLICATION:

Used for electroplating for industrial use.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply with the requirements of the following national standard and also meet the requirements of this specification.

IS : 6358 -1971 | Potassium and Sodium Cyanides for Electroplating

4.0 TEST SAMPLES:

As per IS: 6358.

5.0 CHEMICAL PROPERTIES:

When tested as per relevant clause of Appendix A of IS: 6358, the material shall show the following values:

Cyanide (as KCN) : 97.0% by mass, minimum

6.0 TYPE TESTS:

When tested as per relevant clause of Appendix A of IS: 6358, the material shall show the following values:

6.1 Sodium (as Na): 1.0% by mass, maximum

6.2 Sulphides (as S): 0.001% by mass, maximum.

6.3 Chlorides (as Cl): 0.05% by mass, maximum

6.4 Water insoluble matter: 0.02% by mass, maximum

7.0 TEST CERTIFICATES:



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Three copies of test certificates shall be supplied alongwith each consignment, giving the following information:

In addition, the supplier shall ensure to enclose one copy of the test certificate alongwith the dispatch documents to facilitate quick clearance of the material.

AA 556 09, Rev. 03: Potassium cyanide for electroplating

BHEL Order No.

Batch / Lot No.

Supplier's/ Manufacturer's Name and Trade mark, if any

Date of manufacture and expiry

Test results of clauses 5.0 and 6.0.

8.0 PACKING & MARKING:

As per IS 6358.

9.0 ENVIRONMENTAL REQUIREMENTS :

The supplier shall furnish Material Safety Data Sheet (MSDS) covering all information relating to human safety and environmental impacts of the hazardous materials particularly during their transportation, storage, handling and disposal alongwith each supply. Each container shall be marked with corresponding symbol and minimum worded cautionary notice for flammable / corrosive / toxic / harmful / irritant and oxidizing etc. as applicable.

10.0 REFERRED STANDARDS (Latest Publications Including Amendments):

1. IS: 6358