



PLANT PURCHASING SPECIFICATION BHOPAL

BP 55378

Rev. No. 03

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SUPERSEDES
BP 55378 Rev.02

SYNTHETIC RUBBER BASED ADHESIVE

1. GENERAL :

This specification governs the technical requirements of a high strength synthetic rubber based contact adhesive. Adhesive contains combination of organic solvents. The adhesive has excellent resistance to moisture and provides excellent durability on exposure to elevated temperature.

2. APPLICATION :

For bonding of Cork gasket.

3. COMPLIANCE WITH NATIONAL STANDARDS :

There is no Indian Standard covering this type of material.

4. SAMPLE FOR TEST :

0.5 Kg. of sample shall be supplied for testing and approval.

5. SHELF LIFE :

6 months in a sealed container kept in a cold (20° C) and dry place.

6. CHARACTERISTICS :

- | | | |
|-----|---------------------------|------------------------------------------------|
| 6.1 | Colour | : Light Brown |
| 6.2 | Viscosity at 27° C | : 1700 – 2000 CPs. |
| 6.3 | Non-Volatile Content | |
| | at 140°C for 4 hrs | : 20 + 2%. |
| 6.4 | Drying time at Room Temp. | : Within ½ an hour after application by brush. |
| 6.5 | Flash Point | : 4° C, Min. |

7. TEST CERTIFICATE :

Unless otherwise specified, three copies of test certificates shall be supplied, alongwith each consignment.

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

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The test certificate shall bear the following information :-

BP 55378 : Synthetic Rubber Based Adhesive .
(Rev. 03)

BHEL Order No.

Manufacturer's / Supplier's Name & Trade Mark if any

Batch No.

Date of manufacture and Expiry

Test Results of Clause 6.

8. PACKING AND MARKING :

Unless otherwise stated the material shall be packed in suitable plastic or metal container to prevent damage from contamination and handling during transit. Each container shall be legibly marked with the following information.

BP 55378 : Synthetic Rubber Based Adhesive

BHEL Order No.

Manufacturer's / Supplier's Name & Trade Mark if any

Batch No.

Date of Manufacture and Expiry

Quantity.

9. 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 along with 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. REFERRED STANDARDS (Latest Publications including Amendments)

Nil.