

## SPECIFICATION OF ANTISTATIC POLYTHENE LINER

Specification No. NG/BDU/016/SPCN/02 Dated 17.01.2024

- 1) **Nomenclature: Antistatic Polythene Liner**
- 2) **Brief Description:** The Polythene liner must of antistatic type. Certificate for the same is to be provided along with the material. The material used for making it antistatic is also to be specified. It must be compatible with NC-NG paste (explosive UN 1.3 category).
- 3) **Technical Requirement for Polythene liners:**  
The polythene liners must be antistatic type conforming to following specification

### **Test Specification No : JSS:9330-03-2019 REV-4**

| Sl No | Test Parameter Description                                                     | Specification Limits  |
|-------|--------------------------------------------------------------------------------|-----------------------|
| 1     | Ash % by mass                                                                  | 0.05 % Max            |
| 2     | pH of water extract                                                            | 5 to 8                |
| 3     | Water soluble matter % by mass                                                 | 0.2 % Max             |
| 4     | Water soluble Chloride calculated as NaCl % by mass                            | 0.05 % Max            |
| 5     | Water soluble Sulphate calculated as Na <sub>2</sub> SO <sub>4</sub> % by mass | 0.1 % Max             |
| 6     | Solubility in Toluene at 80 +/- 1 deg.C                                        | Soluble               |
| 7     | Extractable matter in Toluene at 25 ± 1 °C                                     | 6.0 % Max             |
| 8     | Solubility in Ethyl acetate/Acetone at 25 ± 1 °C                               | Insoluble             |
| 9     | Effect of organic solvents                                                     | Resistant below 60 °C |
| 10    | Density g/ml                                                                   | 0.910 to 0.925        |
| 11    | Length of Bag                                                                  | 1500 mm               |
| 12    | Width of Bag                                                                   | 960 mm                |
| 13    | Double Heat Seal                                                               | To pass               |
| 14    | Distance from bottom to Heat Seal.                                             | 15 mm                 |
| 15    | Thickness ( as per S.O.)                                                       | 0.18 +/-0.02 mm       |

- 4) Antistatic certification reports must be provided along with the consignment.
- 5) **Inspection Authority:** Authorized Rep. GM, O.F. Bhandara
- 6) **Place of Inspection:** O.F. Bhandara
- 7) **Liquidated Damage:** Applicable
- 8) **FOR :** O.F. Bhandara
- 9) Firm should provide experience certificate of supply of similar type supply of items.
- 10) **Delivery Period:** 01 month after placement of Supply order.  
**Payment Term:** As per O.F. Bhandara terms & condition

GO/NG

DO/NG

OIC/NG