

Specification For Binding Wire
DIA 1.4/2.0 mm

A. Galvanized Wire Specification:

- 1. Diameter of Wire required : 1.4 / 2.0 mm**
- 2. Type of Wire : Mild Steel Annealed**
- 3. Wire Specification Code Reference**
 - a. Zinc coating code reference : JIS 3532 Specification, 50 to 70 gm/m²**
 - b. Tensile Strength : As per BS 1052:1980**
- 4. Chemical Composition : To be tested for C, Si, Mn, P&S and should comply with requirement**
- 5. Uniformity of Coating : Good by Preece Test**
- 6. Bend Test : Good**
- 7. Elongation : 12% minimum elongation on 30cm sample**
- 8. Surface Finish : Bright**
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B. PVC Compound Properties:

- 1. PVC Coating Specification Reference : As per ASTM Standard**
- 2. Type of Coating : Polyvinyl Chloride**
- 3. Coating Method : Extrusion**
- 4. Specific Gravity : 1.3 to 1.35**
- 5. Durometer Hardness : 50 to 60 Shore D**
- 6. Tensile Strength : Min. 210 to 220 Kgs/Cm²**
- 7. Modulus of Elasticity : 100 % elongation with 190 Kg/Cm.**
- 8. Volatile Loss : Max 2% at 105 °C for 24 hours**
- 9. Brittleness Temperature : Cold Bend - not Higher then -30 °C
Cold Flex - not Higher then +15 °C**
- 10. Resistance to Abrasion : Good**
- 11. Resistance to Natural Weather Exposure : Good, tested by salt water immersion**
- 12. Creeping Corrosion : Good Tested by 50% solution of HCl**