

# HDPE VERMI BED **MVB-350L**

MIPATEX Vermi compost beds represent the future in modern compost technology. They offer a unique combination of simple installation, optimal aeration control, light weight materials and extremely tough construction. Mipatex Vermi compost beds are a smart choice for all organic agricultural industries that benefit from the higher yields resulting from vermicompost.

| PROPERTY   | METHOD OF TEST                | REQUIRED VALUE                 |
|--|-------------------------------|--------------------------------|
| <b>Dimension</b>   |                               |                                |
| Length   | As per IS 15907               | 3600 mm                        |
| Width  | As per IS 15907               | 12000 mm                       |
| Height   | As per IS 15907               | 600 mm                         |
| Mass, g/m <sup>2</sup> , Min.                                    | IS 1964                       | 350                            |
| <b>Breaking strength before UV exposure, N, Min.</b>             |                               |                                |
| Wrap   | IS 1969                       | 1900                           |
| Weft   | IS 1969                       | 1800                           |
| <b>Elongation at Breaking, %</b>                                 |                               |                                |
| Wrap   | IS 1969                       | 22                             |
| Weft   | IS 1969                       | 22                             |
| <b>Retention of Breaking Strength after UV exposure, N, Min.</b> |                               |                                |
| Wrap   | IS 1969                       | >1600                          |
| Weft   | IS 1969                       | >1600                          |
| Welded Seam Strength   | IS 1969                       | >1600                          |
| <b>Tear Strength, N, Min.</b>                                    |                               |                                |
| Wrap   | Method A2 of IS:7016 (Part 3) | 200                            |
| Weft   | Method A2 of IS:7016 (Part 3) | 200                            |
| Puncture Strength, N, Min.                                       | Annex C                       | 325                            |
| Environmental Stress Cracking Test                               | Annex D                       | No evidence of stress cracking |
| Resistance to Chemicals, change in the Mass, Percent, Max.       | Annex D                       | Less than 6                    |
| Colour fastness to artificial light                              | IS:2454(Xenon Lamp Method)    | More than 6                    |
| Bursting pressure, kgf/cm <sup>2</sup> , Min.                    |                               | Above 35                       |



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