

## TEMBO TMX Batch Wise Data Sheet

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| <b>DATE</b> | 24-Jan-26 |
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| UNBS STANDARD      US EAS 412-2: 2022 |      |        |                  |                              |        |      |      |      |  |                          |           |                |
|---------------------------------------|------|--------|------------------|------------------------------|--------|------|------|------|--|--------------------------|-----------|----------------|
| UNBS STD                              | SIZE | LENGTH | 12m Wt.<br>(Min) | CHEMICAL COPPOSITION (Max) % |        |      |      |      | MECHANICAL PROPERTIES (N/MM <sup>2</sup> ) |                          |           |                |
|                                       |      |        |                  | C %                          | Si %   | Mn % | P %  | S %  | YS (N/MM <sup>2</sup> )                    | UTS (N/MM <sup>2</sup> ) | ELONG (%) | UTS/YS (Ratio) |
|                                       |      |        |                  | 8mm                          | 12mtrs | 4.46 | 0.22 | 0.60 | 1.60                                       | 0.050                    | 0.050     | >500           |

| TEMBO Actual Aggregate Values |      |        |         |                        |             |             |               |               |   |                          |           |                |           |
|-------------------------------|------|--------|---------|------------------------|-------------|-------------|---------------|---------------|---|--------------------------|-----------|----------------|-----------|
| BATCH NO                      | SIZE | LENGTH | 12m Wt. | CHEMICAL COMPOSITION % |             |             |               |               | MECHANICAL PROPERTIES N/MM <sup>2</sup> |                          |           |                | BEND TEST |
|                               |      |        |         | C %                    | Si %        | Mn %        | P %           | S %           | YS (N/MM <sup>2</sup> )                 | UTS (N/MM <sup>2</sup> ) | ELONG (%) | UTS/YS (Ratio) |           |
| 2                             | 8mm  | 12mtrs | 4.61    | 0.18 - 0.22            | 0.14 - 0.18 | 0.57 - 0.67 | 0.027 - 0.037 | 0.024 - 0.034 | 520-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 3                             | 8mm  | 12mtrs | 4.63    | 0.18 - 0.22            | 0.13 - 0.17 | 0.61 - 0.71 | 0.030 - 0.040 | 0.029 - 0.039 | 530-590                                 | 630-710                  | 16-21     | >1.15          | Ok        |
| 4                             | 8mm  | 12mtrs | 4.56    | 0.18 - 0.22            | 0.19 - 0.23 | 0.68 - 0.78 | 0.028 - 0.038 | 0.024 - 0.034 | 520-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 5                             | 8mm  | 12mtrs | 4.61    | 0.17 - 0.21            | 0.16 - 0.20 | 0.62 - 0.72 | 0.032 - 0.042 | 0.026 - 0.036 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 6                             | 8mm  | 12mtrs | 4.58    | 0.15 - 0.19            | 0.17 - 0.21 | 0.61 - 0.71 | 0.032 - 0.042 | 0.027 - 0.037 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 7                             | 8mm  | 12mtrs | 4.66    | 0.17 - 0.21            | 0.13 - 0.17 | 0.51 - 0.61 | 0.031 - 0.041 | 0.026 - 0.036 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 8                             | 8mm  | 12mtrs | 4.60    | 0.18 - 0.22            | 0.18 - 0.22 | 0.51 - 0.61 | 0.028 - 0.038 | 0.025 - 0.035 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 9                             | 8mm  | 12mtrs | 4.57    | 0.17 - 0.21            | 0.16 - 0.20 | 0.61 - 0.71 | 0.030 - 0.040 | 0.029 - 0.039 | 510-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 10                            | 8mm  | 12mtrs | 4.59    | 0.18 - 0.22            | 0.16 - 0.20 | 0.62 - 0.72 | 0.026 - 0.036 | 0.020 - 0.030 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |
| 11                            | 8mm  | 12mtrs | 4.70    | 0.17 - 0.21            | 0.20 - 0.24 | 0.64 - 0.74 | 0.028 - 0.038 | 0.018 - 0.028 | 530-600                                 | 630-700                  | 16-21     | >1.15          | Ok        |
| 12                            | 8mm  | 12mtrs | 4.69    | 0.18 - 0.22            | 0.18 - 0.22 | 0.64 - 0.74 | 0.027 - 0.037 | 0.020 - 0.030 | 530-590                                 | 630-690                  | 16-21     | >1.15          | Ok        |