

## TEMBO TMX Batch Wise Data Sheet

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| DATE | 24/01/2024 |
|------|------------|

| UNBS STANDARD US EAS 412-2: 2019 |      |        |               |                             |     |       |      |      |   |       |       |        |
|----------------------------------|------|--------|---------------|-----------------------------|-----|-------|------|------|---|-------|-------|--------|
| UNBS STD                         | SIZE | LENGTH | 12m Wt. (Min) | CHEMICAL PROPERTIES (Max) % |     |       |      |      | MECHANICAL PROPERTIES N/MM <sup>2</sup> |       |       |        |
|                                  |      |        |               | C                           | Si  | Mn    | P    | S    | YS                                      | UTS   | ELONG | UTS/YS |
|                                  |      |        |               | 20mm                        | 12m | 28.15 | 0.27 | 0.65 | 1.71                                    | 0.058 | 0.058 | >500   |

| TEMBO Actual Aggregate Values |      |        |         |                       |             |             |               |               |   |         |        |        |           |
|-------------------------------|------|--------|---------|-----------------------|-------------|-------------|---------------|---------------|---|---------|--------|--------|-----------|
| BATCH NO                      | SIZE | LENGTH | 12m Wt. | CHEMICAL PROPERTIES % |             |             |               |               | MECHANICAL PROPERTIES N/MM <sup>2</sup> |         |        |        | BEND TEST |
|                               |      |        |         | C                     | Si          | Mn          | P             | S             | YS                                      | UTS     | ELONG% | UTS/YS |           |
| 371B                          | 20mm | 12M    | 29.45   | 0.17 - 0.21           | 0.17 - 0.21 | 0.67 - 0.77 | 0.035 - 0.045 | 0.030 - 0.040 | 500-590                                 | 620-690 | 18-21  | >1.16  | Ok        |
| 372D                          | 20mm | 12M    | 29.71   | 0.16 - 0.20           | 0.15 - 0.19 | 0.61 - 0.71 | 0.034 - 0.044 | 0.030 - 0.040 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 373B                          | 20mm | 12M    | 28.70   | 0.17 - 0.21           | 0.12 - 0.16 | 0.54 - 0.64 | 0.034 - 0.044 | 0.029 - 0.039 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 374C                          | 20mm | 12M    | 28.78   | 0.17 - 0.21           | 0.14 - 0.18 | 0.62 - 0.72 | 0.036 - 0.046 | 0.031 - 0.041 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 375D                          | 20mm | 12M    | 29.72   | 0.16 - 0.20           | 0.12 - 0.16 | 0.62 - 0.72 | 0.033 - 0.043 | 0.032 - 0.042 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 376B                          | 20mm | 12M    | 29.89   | 0.17 - 0.21           | 0.16 - 0.20 | 0.64 - 0.74 | 0.034 - 0.044 | 0.030 - 0.040 | 520-600                                 | 620-710 | 18-21  | >1.16  | Ok        |
| 377C                          | 20mm | 12M    | 29.83   | 0.16 - 0.20           | 0.16 - 0.20 | 0.64 - 0.74 | 0.034 - 0.044 | 0.029 - 0.039 | 530-600                                 | 630-710 | 18-21  | >1.16  | Ok        |
| 378D                          | 20mm | 12M    | 29.17   | 0.16 - 0.20           | 0.14 - 0.18 | 0.65 - 0.75 | 0.035 - 0.045 | 0.030 - 0.040 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 379B                          | 20mm | 12M    | 29.57   | 0.15 - 0.19           | 0.12 - 0.16 | 0.55 - 0.65 | 0.032 - 0.042 | 0.029 - 0.039 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 380C                          | 20mm | 12M    | 29.82   | 0.18 - 0.22           | 0.12 - 0.16 | 0.57 - 0.67 | 0.037 - 0.047 | 0.029 - 0.039 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 381D                          | 20mm | 12M    | 28.75   | 0.17 - 0.21           | 0.18 - 0.22 | 0.53 - 0.63 | 0.033 - 0.043 | 0.027 - 0.037 | 530-590                                 | 630-690 | 18-21  | >1.16  | Ok        |
| 382B                          | 20mm | 12M    | 28.79   | 0.17 - 0.21           | 0.18 - 0.22 | 0.54 - 0.64 | 0.034 - 0.044 | 0.027 - 0.037 | 530-600                                 | 630-710 | 18-21  | >1.16  | Ok        |