

TEMBO TMX Batch Wise Data Sheet

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| DATE | 17-Feb-24 |
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UNBS STANDARD US EAS 412-2: 2019

| UNBS STD | SIZE | LENGTH | 12m Wt. (Min) | CHEMICAL PROPERTIES (Max) % | | | | | MECHANICAL PROPERTIES N/MM ² | | | |
|-------------|------|--------|------------------|-----------------------------|------|------|-------|-------|---|------|-------|---------|
| | | | | C | Si | Mn | P | S | YS | UTS | ELONG | UTS/YS |
| | 12mm | 12m | 10.12 | 0.27 | 0.65 | 1.71 | 0.058 | 0.058 | >500 | >580 | >14% | 1.15min |

TEMBO Actual Aggregate Values

| BATCH NO | SIZE | LENGTH | 12m Wt. | CHEMICAL PROPERTIES % | | | | | MECHANICAL PROPERTIES N/MM ² | | | | BEND TEST |
|----------|------|--------|---------|-----------------------|-------------|-------------|---------------|---------------|---|---------|--------|--------|-----------|
| | | | | C | Si | Mn | P | S | YS | UTS | ELONG% | UTS/YS | |
| 014RF | 12mm | 12M | 10.53 | 0.15 - 0.19 | 0.18 - 0.22 | 0.69 - 0.79 | 0.040 - 0.050 | 0.029 - 0.039 | 520-600 | 630-700 | 18-21 | >1.16 | Ok |
| 015RF | 12mm | 12M | 10.50 | 0.17 - 0.21 | 0.16 - 0.20 | 0.53 - 0.63 | 0.035 - 0.045 | 0.024 - 0.034 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |
| 016RF | 12mm | 12M | 10.28 | 0.16 - 0.20 | 0.17 - 0.21 | 0.61 - 0.71 | 0.041 - 0.051 | 0.035 - 0.045 | 520-590 | 630-690 | 18-21 | >1.16 | Ok |
| 017RF | 12mm | 12M | 10.33 | 0.15 - 0.19 | 0.21 - 0.25 | 0.68 - 0.78 | 0.039 - 0.049 | 0.027 - 0.037 | 520-590 | 630-690 | 18-21 | >1.16 | Ok |
| 018RF | 12mm | 12M | 10.62 | 0.17 - 0.21 | 0.15 - 0.19 | 0.64 - 0.74 | 0.035 - 0.045 | 0.026 - 0.036 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |