

TEMBO TMX Batch Wise Data Sheet

| | |
|------|------------|
| DATE | 12/01/2024 |
|------|------------|

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 |
| | 8mm | 12m | 4.46 | 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 | |
| 078D | 8mm | 12M | 4.66 | 0.16 - 0.20 | 0.13 - 0.17 | 0.62 - 0.72 | 0.032 - 0.042 | 0.020 - 0.030 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |
| 079B | 8mm | 12M | 4.54 | 0.18 - 0.22 | 0.15 - 0.19 | 0.65 - 0.75 | 0.034 - 0.044 | 0.024 - 0.034 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |
| 080C | 8mm | 12M | 4.50 | 0.15 - 0.19 | 0.14 - 0.18 | 0.57 - 0.67 | 0.033 - 0.043 | 0.022 - 0.032 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |
| 081D | 8mm | 12M | 4.66 | 0.17 - 0.21 | 0.17 - 0.21 | 0.67 - 0.77 | 0.036 - 0.046 | 0.029 - 0.039 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |
| 082B | 8mm | 12M | 4.69 | 0.18 - 0.22 | 0.15 - 0.19 | 0.55 - 0.65 | 0.037 - 0.047 | 0.031 - 0.041 | 530-610 | 630-720 | 18-21 | >1.16 | Ok |
| 083B | 8mm | 12M | 4.60 | 0.17 - 0.21 | 0.18 - 0.22 | 0.58 - 0.68 | 0.036 - 0.048 | 0.020 - 0.030 | 530-610 | 630-720 | 18-21 | >1.16 | Ok |
| 084D | 8mm | 12M | 4.51 | 0.16 - 0.20 | 0.15 - 0.19 | 0.59 - 0.69 | 0.032 - 0.042 | 0.019 - 0.029 | 530-590 | 630-690 | 18-21 | >1.16 | Ok |