

## TEMBO TMX Batch Wise Data Sheet

DATE	20-Jan-26
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### UNBS STANDARD US EAS 412-2: 2019

UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL COPPOSITION (Max) %					MECHANICAL PROPERTIES N/MM <sup>2</sup>			
				C	Si	Mn	P	S	YS	UTS	ELONG	UTS/YS
	20mm	12M	28.15	0.22	0.60	1.60	0.050	0.050	>500	>575	>14%	1.15min

### 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	UTS	ELONG%	UTS/YS	
334B	25MM	12M	29.20	0.16 - 0.20	0.16 - 0.20	0.75 - 0.85	0.031 - 0.041	0.015 - 0.025	530-600	630-710	16-21	>1.15	Ok
335D	25MM	12M	28.69	0.18 - 0.22	0.17 - 0.21	0.73 - 0.83	0.035 - 0.045	0.017 - 0.027	530-590	630-690	16-21	>1.15	Ok
336B	25MM	12M	29.13	0.16 - 0.20	0.16 - 0.20	0.71 - 0.81	0.030 - 0.040	0.018 - 0.028	530-590	630-710	16-21	>1.15	Ok
337D	25MM	12M	28.74	0.16 - 0.20	0.17 - 0.21	0.70 - 0.80	0.034 - 0.044	0.020 - 0.030	530-610	630-710	16-21	>1.15	Ok
338B	25MM	12M	28.70	0.16 - 0.20	0.17 - 0.21	0.75 - 0.85	0.035 - 0.045	0.019 - 0.029	530-590	630-690	16-21	>1.15	Ok
339C	25MM	12M	28.56	0.18 - 0.22	0.17 - 0.21	0.82 - 0.92	0.035 - 0.045	0.019 - 0.029	530-590	630-720	16-21	>1.15	Ok
340D	25MM	12M	28.67	0.17 - 0.21	0.21 - 0.25	0.85 - 0.95	0.032 - 0.042	0.016 - 0.026	530-590	630-690	16-21	>1.15	Ok