

TEMBO TMX Batch Wise Data Sheet

DATE	7-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	
158B	12mm	12M	10.99	0.17 - 0.21	0.17 - 0.21	0.70 - 0.80	0.037 - 0.047	0.026 - 0.036	530-590	630-700	18-21	>1.16	Ok
159D	12mm	12M	10.39	0.17 - 0.21	0.18 - 0.22	0.83 - 0.93	0.040 - 0.050	0.031 - 0.041	530-590	630-690	18-21	>1.16	Ok
160B	12mm	12M	10.44	0.16 - 0.20	0.16 - 0.20	0.61 - 0.71	0.037 - 0.047	0.030 - 0.040	530-590	630-730	18-21	>1.16	Ok
161C	12mm	12M	10.30	0.16 - 0.20	0.15 - 0.19	0.57 - 0.67	0.038 - 0.048	0.029 - 0.039	530-590	630-710	18-21	>1.16	Ok