

TEMBO TMX Batch Wise Data Sheet

DATE	09/01/2024
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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	
011D	12mm	12M	10.43	0.17 - 0.21	0.14 - 0.18	0.62 - 0.72	0.034 - 0.044	0.024 - 0.034	530-610	630-700	18-21	>1.16	Ok
012B	12mm	12M	10.43	0.16 - 0.20	0.15 - 0.19	0.66 - 0.76	0.033 - 0.043	0.023 - 0.033	530-590	630-690	18-21	>1.16	Ok
013C	12mm	12M	10.24	0.17 - 0.21	0.15 - 0.19	0.52 - 0.62	0.035 - 0.045	0.025 - 0.035	530-610	640-730	18-21	>1.16	Ok
014B	12mm	12M	10.30	0.16 - 0.20	0.15 - 0.19	0.54 - 0.64	0.034 - 0.044	0.027 - 0.037	530-600	630-710	18-21	>1.16	Ok
015D	12mm	12M	10.57	0.16 - 0.20	0.13 - 0.17	0.61 - 0.71	0.035 - 0.045	0.024 - 0.034	530-590	630-690	18-21	>1.16	Ok