

TEMBO TMX Batch Wise Data Sheet

DATE	2-Jan-25
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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
10mm	12M	7.03	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	
001RF	12MM	12M	10.25	0.20 - 0.24	0.13 - 0.17	0.69 - 0.79	0.016 - 0.026	0.014 - 0.024	510-590	630-710	18-21	>1.16	Ok
002RF	12MM	12M	10.24	0.18 - 0.22	0.20 - 0.24	0.79 - 0.89	0.033 - 0.043	0.026 - 0.036	520-590	630-690	18-21	>1.16	Ok
003RF	12MM	12M	10.51	0.19 - 0.23	0.16 - 0.20	0.85 - 0.95	0.030 - 0.040	0.024 - 0.034	500-590	630-690	18-21	>1.16	Ok
004RF	10MM	12M	7.41	0.15 - 0.19	0.16 - 0.20	0.81 - 0.91	0.028 - 0.038	0.024 - 0.034	530-620	630-730	18-21	>1.16	Ok