

TEMBO TMX Batch Wise Data Sheet

DATE	27/09/2023
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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	10.02	0.27	0.65	1.71	0.058	0.058	>500	>580	>14%	1.14min

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	
27.09.128	12mm	12M	10.59	0.17 - 0.21	0.17 - 0.21	0.60 - 0.70	0.039 - 0.049	0.038 - 0.038	520-590	610-700	18-21	>1.16	Ok
27.09.129	12mm	12M	10.60	0.18 - 0.22	0.16 - 0.20	0.61 - 0.71	0.041 - 0.051	0.037 - 0.047	510-590	610-710	18-21	>1.16	Ok
27.09.130	12mm	12M	10.45	0.18 - 0.22	0.17 - 0.21	0.60 - 0.70	0.039 - 0.049	0.034 - 0.044	520-590	630-730	18-21	>1.16	Ok
27.09.131	12mm	12M	10.50	0.16 - 0.20	0.17 - 0.21	0.61 - 0.71	0.035 - 0.045	0.035-0.035	530-580	630-670	18-21	>1.16	Ok