

TEMBO TMX Batch Wise Data Sheet

DATE	24/09/2023
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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	
24.09.115	12mm	12M	10.50	0.18 - 0.22	0.20 - 0.24	0.65 - 0.69	0.043 - 0.053	0.040 - 0.050	540-590	610-690	18-21	>1.16	Ok
24.09.116	12mm	12M	10.45	0.17 - 0.21	0.17 - 0.21	0.62 - 0.66	0.042 - 0.052	0.037 - 0.047	530-600	610-710	18-21	>1.16	Ok
24.09.117	12mm	12M	10.38	0.17 - 0.21	0.17 - 0.21	0.61 - 0.65	0.040 - 0.050	0.036 - 0.046	550-580	660-680	18-21	>1.16	Ok