

TEMBO TMX Batch Wise Data Sheet

DATE	25/09/2023
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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	
25.09.121	12mm	12M	10.42	0.17 - 0.21	0.18 - 0.22	0.55 - 0.65	0.042 - 0.052	0.040 - 0.050	510-590	610-700	18-21	>1.16	Ok
25.09.122	12mm	12M	10.35	0.19 - 0.23	0.20 - 0.24	0.58 - 0.68	0.043 - 0.053	0.036 - 0.046	540-590	640-690	18-21	>1.16	Ok
25.09.123	12mm	12M	10.45	0.16 - 0.20	0.20 - 0.24	0.57 - 0.67	0.041 - 0.051	0.038 - 0.048	550-580	660-670	18-21	>1.16	Ok