

TEMBO TMX Batch Wise Data Sheet

DATE	5-Feb-24
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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
	25mm	12m	44.42	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	
095B	25mm	12M	45.49	0.15 - 0.19	0.12 - 0.16	0.54 - 0.64	0.037 - 0.047	0.028 - 0.038	530-590	630-690	18-21	>1.16	Ok
096C	25mm	12M	45.38	0.17 - 0.21	0.14 - 0.18	0.60 - 0.70	0.038 - 0.048	0.026 - 0.036	530-590	630-690	18-21	>1.16	Ok
097D	25mm	12M	45.61	0.16 - 0.20	0.13 - 0.15	0.57 - 0.67	0.038 - 0.048	0.028 - 0.038	530-590	630-700	18-21	>1.16	Ok
098B	25mm	12M	45.56	0.14 - 0.18	0.12 - 0.16	0.55 - 0.65	0.035 - 0.045	0.033 - 0.043	530-590	620-690	18-21	>1.16	Ok