

TEMBO TMX Batch Wise Data Sheet

DATE	8-Jan-26
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UNBS STANDARD US EAS 412-2: 2022												
UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL COPPOSITION (Max) %					MECHANICAL PROPERTIES (N/MM ²)			
				C %	Si %	Mn %	P %	S %	YS (N/MM ²)	UTS (N/MM ²)	ELONG (%)	UTS/YS (Ratio)
				8mm	12mtrs	4.46	0.22	0.60	1.60	0.050	0.050	>500

TEMBO Actual Aggregate Values													
BATCH NO	SIZE	LENGTH	12m Wt.	CHEMICAL COMPOSITION %					MECHANICAL PROPERTIES N/MM ²				BEND TEST
				C %	Si %	Mn %	P %	S %	YS (N/MM ²)	UTS (N/MM ²)	ELONG (%)	UTS/YS (Ratio)	
1	8mm	12mtrs	4.62	0.15-0.19	0.13-0.17	0.54-0.64	0.029-0.039	0.022-0.032	520-590	610-690	16-21	>1.15	Ok
2	8mm	12mtrs	4.68	0.18-0.22	0.17-0.21	0.58-0.68	0.027-0.037	0.021-0.031	530-590	630-690	16-21	>1.15	Ok