

TEMBO TMX Batch Wise Data Sheet

DATE	11-Jan-26
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		UNBS STANDARD	US EAS 412-2: 2022									
UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL COPMOSITION (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	>575	>14%

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)	
RHF001	8mm	12mtrs	4.54	0.15-0.19	0.21-0.25	0.73-0.83	0.025-0.035	0.018-0.028	530-590	610-690	16-21	>1.15	Ok
1	8mm	12mtrs	4.63	0.15-0.19	0.17-0.21	0.63-0.73	0.022-0.042	0.023-0.033	530-590	630-690	16-21	>1.15	Ok
2	8mm	12mtrs	4.62	0.16-0.20	0.17-0.21	0.60-0.70	0.029-0.039	0.023-0.033	530-590	630-690	16-21	>1.15	Ok
3	8mm	12mtrs	4.61	0.17-0.21	0.20-0.24	0.62-0.72	0.025-0.035	0.020-0.030	530-590	610-690	16-21	>1.15	Ok
4	8mm	12mtrs	4.62	0.18-0.22	0.20-0.24	0.65-0.75	0.029-0.039	0.019-0.029	530-590	630-690	16-21	>1.15	Ok
5	8mm	12mtrs	4.66	0.16-0.20	0.16-0.20	0.56-0.66	0.027-0.037	0.019-0.029	530-590	630-690	16-21	>1.15	Ok
6	8mm	12mtrs	4.63	0.17-0.21	0.14-0.18	0.57-0.67	0.025-0.035	0.018-0.028	530-590	630-690	16-21	>1.15	Ok
7	8mm	12mtrs	4.62	0.16-0.20	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