

TEMBO TMX Batch Wise Data Sheet

DATE	7-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)	
RHF001	8mm	12mtrs	4.62	0.15-0.19	0.21-0.25	0.73-0.83	0.025-0.035	0.018-0.028	530-590	620-690	16-21	>1.15	Ok
RHF002	8mm	12mtrs	4.60	0.18-0.22	0.19-0.23	0.69-0.79	0.028-0.038	0.018-0.028	530-590	630-690	16-21	>1.15	Ok
RHF003	8mm	12mtrs	4.64	0.16-0.20	0.19-0.23	0.69-0.79	0.026-0.036	0.021-0.031	520-590	620-690	16-21	>1.15	Ok
RHF004	8mm	12mtrs	4.59	0.17-0.21	0.18-0.22	0.61-0.71	0.026-0.036	0.022-0.032	530-590	630-690	16-21	>1.15	Ok
RHF005	8mm	12mtrs	4.63	0.18-0.22	0.18-0.22	0.60-0.70	0.026-0.036	0.020-0.030	520-590	620-690	16-21	>1.15	Ok
RHF006	8mm	12mtrs	4.62	0.17-0.21	0.18-0.22	0.64-0.74	0.025-0.035	0.020-0.030	530-590	630-690	16-21	>1.15	Ok
001	8mm	12mtrs	4.76	0.16-0.20	0.24-0.28	0.71-0.81	0.030-0.040	0.022-0.032	530-590	630-690	16-21	>1.15	Ok
RHF007	8mm	12mtrs	4.60	0.17-0.21	0.17-0.21	0.59-0.69	0.027-0.037	0.019-0.029	530-590	630-690	16-21	>1.15	Ok
002	8mm	12mtrs	7.42	0.17-0.21	0.20-0.24	0.66-0.76	0.028-0.038	0.020-0.030	530-600	630-700	16-21	>1.15	Ok
003	8mm	12mtrs	4.77	0.15-0.19	0.16-0.20	0.58-0.68	0.027-0.037	0.020-0.030	530-590	630-690	16-21	>1.15	Ok
004	8mm	12mtrs	4.69	0.16-0.20	0.19-0.23	0.62-0.72	0.029-0.039	0.020-0.030	530-590	630-690	16-21	>1.15	Ok
005	8mm	12mtrs	4.78	0.17-0.21	0.20-0.24	0.62-0.72	0.032-0.042	0.019-0.029	530-610	630-700	16-21	>1.15	Ok
006	8mm	12mtrs	4.72	0.15-0.19	0.21-0.25	0.68-0.78	0.024-0.034	0.017-0.027	530-600	630-710	16-21	>1.15	Ok
007	8mm	12mtrs	4.77	0.18-0.22	0.22-0.26	0.68-0.78	0.033-0.043	0.021-0.031	530-610	630-700	16-21	>1.15	Ok