

TEMBO TMX Batch Wise Data Sheet

DATE	17/10/2023												
UNBS STANDARD US EAS 412-2: 2019													
UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL PROPERTIES (Max) %					MECHANICAL PROPERTIES N/MM²				
				C	Si	Mn	P	S	YS	UTS	ELONG	UTS/YS	
	8mm	12m	4.46	0.27	0.65	1.71	0.058	0.058	>500	>580	>14%	1.15min	
	10mm	12m	7.03	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/MM²				BEND TEST
				C	Si	Mn	P	S	YS	UTS	ELONG%	UTS/YS	
286B	08mm	12M	4.67	0.17 - 0.21	0.17 - 0.21	0.56 - 0.66	0.040 - 0.050	0.036 - 0.046	530-590	640-710	18-21	>1.16	Ok
287C	08mm	12M	4.71	0.19 - 0.23	0.18 - 0.22	0.62 - 0.72	0.036 - 0.046	0.031 - 0.041	520-600	640-710	18-21	>1.16	Ok
288B	10mm	12M	7.19	0.18 - 0.22	0.16 - 0.20	0.55 - 0.65	0.039 - 0.049	0.034 - 0.044	510-590	600-690	18-21	>1.16	Ok
289D	10mm	12M	7.26	0.17 - 0.21	0.19 - 0.23	0.60 - 0.70	0.037 - 0.047	0.032 - 0.042	520-600	630-700	18-21	>1.16	Ok