

TEMBO TMX Batch Wise Data Sheet

DATE	25-Jan-26
------	-----------

UNBS STANDARD US EAS 412-2: 2019

UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL COPPOSITION (Max) %					MECHANICAL PROPERTIES N/MM ²			
				C	Si	Mn	P	S	YS	UTS	ELONG	UTS/YS
	16mm	12M	18.01	0.22	0.60	1.60	0.050	0.050	>500	>575	>14%	1.15min

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	UTS	ELONG%	UTS/YS	
403B	16MM	12M	18.48	0.15 - 0.19	0.13 - 0.17	0.64 - 0.74	0.037 - 0.047	0.030 - 0.040	530-590	620-690	16-21	>1.15	Ok
404B	16MM	12M	18.52	0.16 - 0.20	0.19 - 0.23	0.74 - 0.84	0.036 - 0.046	0.023 - 0.033	530-600	630-700	16-21	>1.15	Ok