

TEMBO TMX Batch Wise Data Sheet

DATE	27/01/2024
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UNBS STANDARD US EAS 412-2: 2019

UNBS STD	SIZE	LENGTH	12m Wt. (Min)	CHEMICAL PROPERTIES (Max) %					MECHANICAL PROPERTIES N/MM ²			
				C	Si	Mn	P	S	YS	UTS	ELONG	UTS/YS
	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/MM ²				BEND TEST
				C	Si	Mn	P	S	YS	UTS	ELONG%	UTS/YS	
039RF	10mm	12M	7.55	0.17 - 0.21	0.17 - 0.21	0.53 - 0.63	0.042 - 0.052	0.034 - 0.044	530-620	630-700	18-21	>1.16	Ok
040RF	10mm	12M	7.48	0.15 - 0.19	0.17 - 0.21	0.51 - 0.61	0.042 - 0.052	0.035 - 0.045	530-590	630-690	18-21	>1.16	Ok
041RF	10mm	12M	7.49	0.16 - 0.20	0.17 - 0.21	0.53 - 0.63	0.039 - 0.049	0.028 - 0.038	530-590	630-710	18-21	>1.16	Ok