

TEMBO TMX Batch Wise Data Sheet

DATE	29/01/2024
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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
	12mm	12m	10.12	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	
057RF	12mm	12M	10.45	0.15 - 0.19	0.17 - 0.21	0.62 - 0.72	0.036 - 0.046	0.032 - 0.042	520-590	630-690	18-21	>1.16	Ok
058RF	12mm	12M	10.40	0.16 - 0.20	0.15 - 0.19	0.58 - 0.68	0.038 - 0.048	0.032 - 0.042	520-590	630-690	18-21	>1.16	Ok
059RF	12mm	12M	10.48	0.15 - 0.19	0.12 - 0.16	0.50 - 0.60	0.035 - 0.045	0.028 - 0.038	530-590	630-690	18-21	>1.16	Ok
060RF	12mm	12M	10.36	0.17 - 0.21	0.14 - 0.18	0.63 - 0.73	0.037 - 0.047	0.031 - 0.041	530-600	630-710	18-21	>1.16	Ok
061RF	12mm	12M	10.24	0.15 - 0.19	0.13 - 0.17	0.49 - 0.59	0.035 - 0.045	0.028 - 0.038	530-590	630-690	18-21	>1.16	Ok