

TEMBO TMX Batch Wise Data Sheet

DATE	22/09/2023
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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
	16mm	12m	18.01	0.27	0.65	1.71	0.058	0.058	>500	>580	>14%	1.14min

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	
22.09.106	16mm	12M	18.61	0.17 - 0.21	0.21 - 0.25	0.60 - 0.70	0.040 - 0.050	0.038 - 0.048	520-590	620-702	18-21	>1.16	Ok
22.09.107	16mm	12M	18.66	0.17 - 0.21	0.19 - 0.23	0.58 - 0.68	0.039 - 0.049	0.034 - 0.044	520-590	620-702	18-21	>1.16	Ok
22.09.108	16mm	12M	18.75	0.16 - 0.20	0.17 - 0.21	0.56 - 0.66	0.040 - 0.050	0.035 - 0.045	520-590	620-702	18-21	>1.16	Ok
22.09.109	16mm	12M	18.65	0.17 - 0.21	0.18 - 0.22	0.61 - 0.71	0.041 - 0.051	0.034 - 0.044	520-590	620-702	18-21	>1.16	Ok