SECTION 9

GO STEEL GRADES PRODUCED BY NLMK

STANDARD GRADES

Grade EN 10107 GOST 32482	Nominal thickness, mm	Values*	Specific magnetic losses, $P_{1.7/50}$, W/kg, max	Magnetic induction, B_{800}, T, min
M110-23S	**0.23**	EN 10107	1.10	1.78
T110-23S		GOST 32482	1.10	1.85
		typical properties	1.03	1.88
–	**0.27**	EN 10107**	–	–
T105-27S		GOST 32482	1.05	1.87
		typical properties	1.02	1.88
M110-27P	**0.27**	EN 10107	1.10	1.88
T110-27S		GOST 32482	1.10	1.86
		typical properties	1.07	1.87
M120-27S	**0.27**	EN 10107	1.20	1.78
T120-27S		GOST 32482	1.20	1.84
		typical properties	1.13	1.86
M105-30P	**0.30**	EN 10107	1.05	1.88
T105-30D		GOST 32482	1.05	1.87
		typical properties	1.04	1.87
M110-30P	**0.30**	EN 10107	1.10	1.88
T111-30S		GOST 32482	1.11	1.87
		typical properties	1.07	1.87
M120-30S	**0.30**	EN 10107	1.20	1.78
T120-30S		GOST 32482	1.20	1.86
		typical properties	1.12	1.87
M130-30S	**0.30**	EN 10107	1.30	1.78
T130-30S		GOST 32482	1.30	1.84
		typical properties	1.26	1.85

* Parameters under EN and GOST are guaranteed values

** Not specified by EN 10107

HIGH-PERMEABILITY GRADES UNDER EN 10107, GOST 32482 AND STO 05757665-008

Grade EN 10107 GOST 32482***	Nominal thickness, mm	Values*	Specific magnetic losses, $P_{1,7/50}$, W/kg, max	Magnetic induction, B_{800}, T, min
M85-23Pb	**0.23**	EN 10107	0.85	1.88
NV23S-85L**		STO 05757665-008***	0.85	1.88
		typical properties	0.84	1.88
M90-23Pb	**0.23**	EN 10107	0.90	1.88
NV23S-90L		STO 05757665-008***	0.90	1.88
		typical properties	0.89	1.88
M95-23P	**0.23**	EN 10107	0.95	1.88
T95-23D		GOST 32482	0.95	1.87
		typical properties	0.93	1.88
M100-23P	**0.23**	EN 10107	1.00	1.88
T100-23D		GOST 32482	1.00	1.86
		typical properties	0.98	1.88
M95-27Pb	**0.27**	EN 10107	0.95	1.88
T95-27D		GOST 32482	0.95	1.87
		typical properties	0.945	1.88
M100-27P	**0.27**	EN 10107	1.00	1.88
T100-27D		GOST 32482	1.00	1.86
		typical properties	0.99	1.88
M100-30Pb	**0.30**	EN 10107	1.00	1.88
T100-30D**		GOST 32482	1.00	1.87
		typical properties	–	–

* Parameters under EN and GOST are guaranteed values

** Технология производства данных марок трансформаторной стали находится в стадии разработки, продукция производится в опытно-промышленных объемах

*** Марки в толщине 0,23 мм и с низкими магнитными потерями отсутствуют в GOST 32482, приведен аналог по стандарту НЛМК STO 05757665-008