



Ti Sponge TG-TV

Grade	Check number	Chemistry, %								Hardness, HB 10/1500/30, No more
		Ti, No less	Impurities mass fraction, no more							
			Fe	Si	Ni	C	Cl	N	O ₂	
TG-90	02	99.74	0.05	0.01	0.04	0.02	0.08	0.02	0.04	90
TG-100	01	99.72	0.06	0.01	0.04	0.03	0.08	0.02	0.04	100
TG-110	00	99.67	0.09	0.02	0.04	0.03	0.08	0.02	0.05	110
TG-120	10	99.64	0.11	0.02	0.04	0.03	0.08	0.02	0.06	120
TG-130	09	99.56	0.13	0.03	0.04	0.03	0.10	0.03	0.08	130
TG-150	08	99.45	0.20	0.03	0.04	0.03	0.12	0.03	0.10	150
TG-Tv	07	99.75	1.90	-	-	0.10	0.15	0.10	-	-

Notes:

1. Test results are rounded to the last digit set forth in the table.
2. Titanium mass fraction is determined by the difference: 100% minus the sum of the regulated impurities mass fractions.
3. Mass fractions of the unregulated impurities: hydrogen, magnesium, aluminum, vanadium, chromium, manganese, copper, zirconium, niobium, molybdenum, palladium, tin, tantalum, tungsten can be defined in titanium sponge with the exception of the grade TG-Tv, upon the agreement between a producer and customer.