

TECHNICAL DATA SHEET

VERSION 1.2

GENERAL INTRODUCTION:

Titanium Sponge is a kind of spongy titanium metal produced through the magnesium thermal reduction and distillation process, using high-quality titanium tetrachloride as the raw material. The Ti content is generally between 98.5% and 99.8%. According to the different purity levels, it is classified into seven grades from Grade 0 to Grade 5. It can be applied in industries such as aerospace, chemical engineering, medical treatment, and marine engineering.

DATA SHEET:

ITEM		MHT-95	MHT-100	MHT-110	MHT-125	MHT-140	MHT-160	MHT-200
		CLASS 0A	CLASS 0	CLASS 1	CLASS 2	CLASS 3	CLASS 4	CLASS 5
Ti content (%, min.)		99.8	99.7	99.6	99.4	99.3	99.1	98.5
Typical Chemical component (%, max.)	Fe	0.03	0.04	0.07	0.1	0.2	0.3	0.4
	Si	0.01	0.01	0.02	0.02	0.03	0.04	0.06
	Cl	0.06	0.06	0.08	0.1	0.15	0.15	0.3
	C	0.01	0.02	0.02	0.03	0.03	0.04	0.05
	N	0.01	0.01	0.02	0.03	0.04	0.05	0.1
	O	0.05	0.06	0.08	0.1	0.15	0.2	0.3
	Mn	0.01	0.01	0.01	0.02	0.02	0.03	0.08
	Mg	0.01	0.02	0.03	0.04	0.06	0.09	0.15
	H	0.003	0.003	0.005	0.005	0.01	0.012	0.03
	Ni	0.01	0.02	0.03	0.05	-	-	-
	CR	0.01	0.02	0.03	0.05	-	-	-
Hardness (HBW10/1500/30, max.)		95	100	110	125	140	160	200

STORAGE: This product should not be stored outdoors. Any direct contact with corrosive components such as moisture and acidity should be avoided.

PACKING: 200 KG per iron drum

20MT with pallet per 20GP

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