



Survey of Chemetall's Titanium Products

Product Grade	Gain on Ignition [%]	Ti Content Total [%]	Hydrogen Content [%]	Auto Ignition Temperature [°C]	Particle Size [µm]	Average Particle Size [µm]
Titanium hydride N	min. 58.4	min. 95	min. 3.8	> 400	min. 99.9% < 63	5.0 ± 1.0
Titanium hydride P	min. 58.4	min. 95	min. 3.8	> 400	min. 99.9% < 63	8.0 ± 2.0
Titanium hydride T	min. 58.0	min. 94.8	min. 3.8	not provided	min. 99.9% < 63	3.5 ± 0.5
Titanium hydride U	min. 58.4	min. 95	min. 3.8	> 400	min. 99.9% < 45	5.0 ± 1.0
Titanium hydride VM	min. 56.7	min. 94	min. 3.7	> 230	min. 99.9% < 45	1.8 ± 0.2
Titanium hydride G	not provided	> 95	3.5 – 4.0	not provided	not provided	approx. 60



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Product Grade	Gain on Ignition [%]	Ti Content Total [%]	Hydrogen Content [%]	Auto Ignition Temperature [°C]	Combustion Rate [sec/50cm]	Particle Size [µm]	Average Particle Size [µm]
Ti metal powder E	57.0 ± 2.0	93.0 - 95.4	not provided	> 240	35 ± 10	min. 99.9% < 45	3 ± 1
Ti metal powder EP	63.5 ± 2.5	98.0 ± 1.5	not provided	not provided	17.5 ± 7.5	min. 99.9% < 500	4.5 ± 1.5
Ti metal powder S 9.5	min. 64.5	min. 98.7	max. 0.1	> 400	35 ± 10	min. 99.9% < 45	9.5 ± 1.5
Ti metal powder S 8	min. 64.5	min. 98.7	max. 0.1	not provided	35 ± 10	min. 99.9% < 45	8 ± 1.5
Ti metal powder S <25	min. 64.5	min. 98.7	max. 0.1	not provided	37.5 ± 12.5	min. 99.9% < 25	8.5 ± 1.5
Ti metal powder SA	min. 65.1	min. 99.1	max. 0.05	not provided	not provided	min. 99.0% < 45	not provided