

Material Specification

Material - Information

Material No	RT00013	Status	Approved
Material Desc.	TITANIUM DIOXIDE		
Issue No.	1	Issue Date	08/01/2013
Revision No.	1	Revision Date	02/13/2014

Description :

This product is a high purity, untreated anatase pigment.

Sr No.	Specification	Method	UOM	Requirements
1	Al2O3	SAMM	%	(Max.) 2.00
2	Total Arsenic	SAMM	ppm	(Max.) 1.00
3	Acid Soluble Arsenic	SAMM	ppm	(Max.) 1.00
4	Total Cadmium	SAMM	ppm	(Max.) 1.00
5	Total Lead	SAMM	ppm	(Max.) 10.00
6	Loss at 105C	SAMM	%	(Max.) 0.50
7	Loss at 800C (after drying at 105C)	SAMM	%	(Max.) 0.50
8	Total Mercury	SAMM	ppm	(Max.) 1.00
9	Acid Soluble Lead	SAMM	ppm	(Max.) 10.00
10	Acid Soluble Antimony	SAMM	ppm	(Max.) 2.00
11	Total Antimony	SAMM	ppm	(Max.) 50.00
12	SiO2	SAMM	%	(Max.) 2.00
13	TiO2 (after drying at 105C)	SAMM	%	99.00-100.00
14	Total Zinc	SAMM	ppm	(Max.) 50.00
15	Water Soluble Substance at Cold	SAMM	%	(Max.) 0.25
16	Water Soluble Substance at Hot	SAMM	%	(Max.) 0.50
17	Acid Soluble Substance	SAMM	%	(Max.) 0.50
18	pH	SAMM		6.50-8.00
19	Heavy Metals NTE 20 ppm			Complies
20	99.5% thru US#325 mesh			(Min.) 100

Ingredients

Titanium Dioxide

Packing :

25 KG..Customer specific pack sizes available upon request

Labelling :

Labelling displays product name, lot number, net weight, gross weight and other information and marks specified by the

customer

Storage :

Store in cool conditions. Protect from air, light, moisture and heat

Shelf Life :

1825 Days from the date of manufacture for unopened packs under specified storage condition.

Handling :

None specific