**Spec 1 (Grade LN 1001):**

Rutile grade titanium dioxide with low oil absorption, medium durable alumina treated. It has high gloss producing properties for interior application paints and industrial coatings and iIt exhibits high brightness excellent tint strength in gloss and semi-gloss enamels. It can be used for printing inks, high gloss coatings, industrial coatings and also exterior applications.

|  |  |
| --- | --- |
| Titanium Dioxide | 95 -96 % |
| Rutile  | >99% |
| Specific Gravity | 4.1 g/cc |
| Bulk Density | 0.85 g/cc |
| Average Particle size | 0.31 micron |
| VM Matter at 10°C | 0.5 |
| pH | 6.0 |
| Oil Absortion | 18 g oil/100 g  |

**Spec 2(Grade LN 1002):**

It is a alumina and silica treated rutile grade titanium dioxide pigment. It can be used in both interior and exterior low gloss and flat paints and coatings

|  |  |
| --- | --- |
| Titanium Dioxide | 85.5 % |
| Rutile  | >99% |
| Specific Gravity | 3.70 g/cc |
| Bulk Density | 0.6 g/cc |
| Average Particle size | 0.38 micron |
| VM Matter at 10°C | 1.0 % |
| pH | 7.1 |
| Oil Absortion | 35g oil/100 g |

**Spec 3 (Grade LN 1003):**

It is a multipurpose superior performance rutile titanium dioxide pigment. . It is surface treated with alumina and silica with good opacity and weathering properties. It is recommended for both interior and exterior applications.

|  |  |
| --- | --- |
| Titanium Dioxide | 92 % |
| Rutile  | 99% |
| Specific Gravity | 4.0 g/cc |
| Bulk Density | 0.8 g/cc |
| Average Particle size | 0.33 micron |
| VM Matter at 10°C | 0.5 % |
| pH | 7.4 |
| Oil Absortion | 20g oil/100 g |

**Spec 4 (Grade LN 1004):**

It is a rutile dioxide pigment surface treated with alumina, zirconia and silica and a multipurpose application with where outstanding optical properties, very good gloss retention. It finds application in automotive, industrial and architectural finishes

|  |  |
| --- | --- |
| Titanium Dioxide | 93 % |
| Rutile  | >99% |
| Specific Gravity | 4.0 g/cc |
| Bulk Density | 0.85 g/cc |
| Average Particle size | 0.32 micron |
| VM Matter at 10°C | 0.5 % |
| pH | 7.3 |
| Oil Absortion | 20g oil/100 g |

**Spec 5 (Grade LN 1005):**

It is a silica, alumina and organic treated titanium dioxide pigment. It has the highest degree of gloss and tint retention properties in exterior film applications.

|  |  |
| --- | --- |
| Titanium Dioxide | 91.5 % |
| Rutile  | >99% |
| Specific Gravity | 4.0 g/cc |
| Bulk Density | 0.87 g/cc |
| Average Particle size | 0.33 micron |
| VM Matter at 10°C | 0.5 % |
| pH | 7.1 |
| Oil Absortion | 19.5g oil/100 g |

**Spec 6(Grade LN 1006):**

It is a alumina treated rutile grade titanium dioxide pigment. It has high tinting strength and excellent dispersion property. It finds application in plastic requiring a blue white high dispersion TiO2. Other areas of application are powder coating, polyethylene films and vinyl sheet goods. It is used in most other common plastic/ rubber floor like applications

|  |  |
| --- | --- |
| Titanium Dioxide | 96 % |
| Rutile  | >99% |
| Specific Gravity | 4.1 g/cc |
| Bulk Density | 0.87 g/cc |
| Average Particle size | 0.33 micron |
| VM Matter at 10°C | 0.4 % |
| pH | 6.0 |
| Oil Absortion | 17.5 g oil/100 g |

**Other Grades:**

* Rutile Nano particles
* High Pure Titanium Oxide (>99)
* Anatage grades