

Technical Data Sheet Puretone® TR Titanium Dioxide Rutile

INTRODUCTION

Puretone® TR Titanium Dioxide provides opacity to the product through efficient light scattering mechanism and even particle size distribution. It provides excellent brightness and whiteness to the product. Helps in masking dull & gray colors and enhances the tint strength of pigments.

SPECIFICATIONS

Test	Unit	Specification
Appearance	-	White powder
TiO ₂ content (M/M)	%	Min 94.0%
Tinting Strength Compared with Standard	%	Min 100
Matter Volatile At 105 °C (M/M)	%	Max 0.8
pH of Suspension, Aqueous Solution Retained	-	6 – 8.5
Residue on Sieve Of 45 µm (M/M)	%	Max 0.1
Oil Absorption	g/100 g	Max 22.0
Color Compared with The Standard Sample	-	Should not be lower than standard
Water Solubles	%	Max 0.5

APPLICATION

- Thermoplastic Pavement Markings
- Plastics
- Industrial Paints
- Glossy Emulsion Paints
- High Quality Paper Coatings
- Rubber Flooring

STORAGE

Store in a sheltered place away from sources of heat and moisture. Stack on pallets, stacking height should not made more than 8 layers.

PACKAGING

25 Kg HDPE bags with liner

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