

TiONA® TiO₂ for Plastics

Semidurable/Interior/Exterior Chalking

TiONA® 242	A product designed with a high performance organic treatment to provide optimal processability in a wide range of applications.	Sulfate Rutile	**	**			**	**	**	***	***	***	***					*	96%	Al, Hydrophobic Organic
TiKON™ 36	A bluish tint tone product, designed to provide good optical performance and dispersibility in a wide range of plastics. Provides excellent antioxidant yellowing resistance.	Sulfate Rutile	**	**				**	**	***	***	***	***					***	96%	Al, Hydrophobic Organic
TiONA® 134	A blue tone, general purpose product designed to provide superior optical properties and dispersibility in a wide range of plastic applications.	Chloride Rutile	*	**				***	**	**	***	**	**					***	97%	Al, Hydrophilic Organic
TiONA® 288	A product designed for use in high performance white and tinted polymer masterbatch and color concentrates. The surface treatment provides the optimum combination of high temperature performance with optical efficiency, high pigment loading and ease of dispersion.	Chloride Rutile	***	***	*	***	***	**	**	**	**	**	**			***	**	***	98%	Hydrophobic Organic
TiONA® 233	A blue-tone pigment with superior tint strength and processability, designed for plastics applications where color stability is paramount.	Chloride Rutile	***	***	***	**	**	***	**	**	**	***	***			**	**		96%	Al, Hydrophobic Organic

Weatherable/Durable/Exterior/Non-chalking

TiONA® 592	A bright white general-purpose pigment. It is designed to provide a good combination of ease of dispersion, very good optical properties and weathering resistance in a range of plastics applications.	Sulfate Rutile						**		**	**								93.5%	Al, Si, Hydrophilic Organic
TiONA® 121	A general purpose, high performance product with high weatherability used in exterior PVC systems and other durable plastics.	Chloride Rutile			**			**	*	***	**								93%	Al, Si, Hydrophilic
TiONA® 826	A universal, high performance product combining superior optical properties with exceptional weatherability across a wide variety of thermoplastics and thermosets applications.	Chloride Rutile			**	*		*	*	***	**								93%	Al, Si, Hydrophilic Organic
TiONA® 880	A high performance product with unrivaled weathering characteristics and excellent chalk resistance. It is the product of choice for critical exterior applications such as vinyl siding and profiles.	Chloride Rutile			**					***	*								91%	Al, Si, Hydrophilic Organic

*** = Highly Recommended ** = Recommended * = Application Specific
Recognizing that no two formulas are identical, we recommend that you evaluate all products that are appropriate to ensure the optimum fit.



TiONA® TiO₂ for Coatings and Plastics
South America



Tronox offers a portfolio of leading titanium dioxide (TiO₂) products to meet the varied needs of the coatings industries. Our market-leading TiO₂ products add significant value to coatings manufacturers by delivering exceptional performance, whiteness, brightness and opacity.

A World Leader
Tronox is a leader in titanium dioxide technology. Our combined worldwide manufacturing and product development experience means that, when you specify TiO₂, you're asking for—and getting—the very best.

Dedicated to Service
Our worldwide technical laboratories cooperate internationally to evaluate TiO₂ performance, while our technical, sales and customer service representatives provide expertise and assistance on a local basis. The products listed in this guide represent our standard offer for this region. We may have additional global offerings depending on customer requirements.

TiONA® TiO₂ for Coatings

<div><div>TiONA®</div><div>TiO₂ for Coatings</div></div>		Durability ^A	Process	Decorative					Auto				Industrial										Exterior				Inks		Typical Properties			
				High to Semi-Gloss	Satin to Flat	Matte	High to Semi-Gloss Coatings	Satin to Flat	OEM Topcoat	OEM basecoat, undercoat & primer	Refinish Topcoat	Electrocoat	General Industrial	Marine & Protective	Polyester Gel Coat	Appliance	Interior Coil	Packaging	Powder	General Industrial	Marine & Protective	Polyester Gel Coat	Traffic and Road Markings	Exterior Coil	Powder	Electrocoat	Tint Pastes/Colorants	Surface	Reverse	TiO ₂ Content	Surface Treatment	
Multipurpose																																
<div>TiONA®</div> 592	A general-purpose, sulfate processrutile titanium dioxide pigment. It is designed to provide a good combination of ease of dispersion, very good optical properties and weathering resistance in a range of coatings applications.	**	Sulfate Rutile	**	***	**	**	**		***	*		***	***		*	**	**	**	**	**	**		***		**		**	*	*	93.5%	Al, Si, Organic
<div>TiONA®</div> 121	General purpose versatile product that offers a combination of good optical properties and very good durability.	**	Chloride Rutile	*	***	**	*	***	*	***	*		**	***	***	***	**		***	**	**	**	***	**	**		**	*	*	94%	Al, Si, Organic	
<div>TiONA®</div> 826	A universal, high performance product combining superior optical properties with exceptional weatherability.	**	Chloride Rutile	***	***	**	***	***	**	***	***		***	***	***	***	**	**	***	***	***	***	***	**	**		***	*	*	93%	Al, Si, Organic	
<div>TiONA®</div> 828	A multi-purpose, blue tint tone product with an outstanding combination of ease of dispersion, excellent optical properties and good durability.	*	Chloride Rutile	***	***	**	**	**	*	***		*	***	***	***	***	***	***	***	*			***			*	*	**	*	95%	Al, Zr, Organic	
<div>TiKON™</div> 33	General purpose product, offering good dispersion, whiteness and a level of durability.	*	Sulfate Rutile	**	**	**	**	**		**			**	*	*	*	*	*	*	**			**		*			*	*	94%	Al, Zr, Organic	
<div>TiONA®</div> 242	Designed with a high performance organic treatment, this product is suitable for niche coatings applications	*	Sulfate Rutile																**						*					96%	Al, Organic	
Super-Durable																																
<div>TiONA®</div> 880	A high performance product with unrivaled weathering characteristics and excellent chalk resistance. It is the product of choice for critical exterior applications.	***	Chloride Rutile				**	**	***		***						*	*	**	***	***	***	*	***	***		**				91%	Al, Si, Organic
Specialty																																
<div>TiONA®</div> 8140	A very heavily treated product designed to give optimum opacity and tint strength in high PVC flat emulsion paints.	*	Chloride Rutile		*	***		*																				***		82%	Al, SI	

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