



TiONA® TiO_2 for Plastics Asia Pacific



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This document does not constitute a specification. Product specifications are available on request.

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

A World Leader

Tronox is a leader in titanium dioxide technology for the plastics industry. 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. We offer technical support for customers using TiO₂ in all plastics systems including master-batches and compounds, interior and exterior PVC applications and engineering resins.

TiONA® TiO₂ for Plastics

			Process	Polyolefins/Masterbatch							PVC		Engineering Resins						Other	Typical Properties	
				Blown Film	Cast Film	Agricultural Film	BOPP	Extrusion Coating	Injection and Blow Moulding	Liquid Color	Rigid	Flexible	Styrenics	ABS	PC/PC-ABS	Nylon	Acrylic/ASA	PET/PBT	Rubber	TiO ₂ Content	Surface Treatment
Semi-durable/Interior/Exterior Chalking																					
TiONA® 288	A blue tint tone product that provides the optimum combination of high temperature performance with optical efficiency, high pigment loading and ease of dispersion. Highly suitable for critical film applications.	Chloride Rutile	***	***	**	***	***	***	**	**	**	**	**	**		**	**	***		98%	Proprietary Hydrophobic Organic
TiONA® 233	A blue-tone pigment with superior tint strength and processability, designed for plastics applications where colour stability is paramount.	Chloride Rutile	***	***	***	**	*	***	**	**	**	**	***	***		**	**		***	96%	Al, Hydrophobic Organic
TiONA® RCL-69	A blue tint tone product optimised to provide excellent optical performance, ease of processing and dispersion in a wide range of plastics including some engineering resins.	Chloride Rutile	***	***		**		***	**	***	***	***	***	***		*	*		**	97%	Al, Hydrophobic Organic
TiONA® 834/134	A general purpose blue tint tone product designed to provide good optical performance and dispersibility in a wide range of masterbatches and compounds.	Chloride Rutile	**	*				**	**	***	***	**	**	**					**	97%	Al, Hydrophilic Organic
TiONA® 8870	A high performance product, designed to provide a combination of excellent optical properties and thermal stability for the most technically demanding engineering resins.	Chloride Rutile												**	***					95%	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
Weatherable/Durable/Exterior/Non-chalking																					
TiONA® 880	A high performance product with unrivaled weathering characteristics. It provides good optical properties as well as optimum dispersibility and processing efficiency.	Chloride Rutile			**			**		***	*									91%	Al, Si, Hydrophilic Organic
TiONA® 595	A high performance, multipurpose product most suited in applications requiring good dispersion, durability and optical properties. It is particularly suited in applications where it provides high opacity and low viscosity.	Chloride Rutile			**			**	***	**	**								**	95%	Al, Zr, Hydrophilic Organic
TiONA® 121	A multipurpose pigment providing excellent optical properties with a high level of durability.	Chloride Rutile			**			**		***	**								***	94%	Al, Si, Hydrophilic Organic
TiONA® 696/826	An advanced product, that offers a unique combination of excellent optical properties and weather resistance.	Chloride Rutile			**			**		***	**	*	*	*		*			*	92%/93%	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.