



**TIONA® TiO<sub>2</sub> for Plastics  
Asia Pacific**



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

# TiONA® TiO<sub>2</sub> for Plastics

Tronox offers a portfolio of leading titanium dioxide (TiO<sub>2</sub>) products to meet the varied needs of the plastics industry. Our market-leading TiO<sub>2</sub> 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 TiO<sub>2</sub>, you're asking for—and getting—the very best.

## Dedicated to Service

Our worldwide technical laboratories cooperate internationally to evaluate TiO<sub>2</sub> performance, while our technical, sales and customer service representatives provide expertise and assistance on a local basis. We offer technical support for customers using TiO<sub>2</sub> in all plastics systems including master-batches and compounds, interior and exterior PVC applications and engineering resins.

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 <sub>2</sub> Content

### Semi-durable/Interior/Exterior Chalking

<b>TiONA® 288 TF</b>	Optimum combination of blue tint tone, high temperature performance with optical efficiency, high pigment loading and ease of dispersion for critical film applications. <b>TiONA® 288 TF</b> is treated with a proprietary organic treatment to better meet ever stricter regulatory compliance needs.	Chloride Rutile	***	***	**	***	***	**	**	**	**	**	**	**	**	**	98%	Proprietary Hydrophobic Organic
<b>TiONA® 233</b>	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
<b>TiONA® RCL-69</b>	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	
<b>TiONA® 834/134</b>	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	
<b>TiONA® 8870</b>	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	

### Weatherable/Durable/Exterior/Non-chalking

<b>TiONA® 880</b>	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
<b>TiONA® 595</b>	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	
<b>TiONA® 121</b>	A multipurpose pigment providing excellent optical properties with a high level of durability.	Chloride Rutile			**		**		***	**					***	94%	Al, Si, Hydrophilic Organic	
<b>TiONA® 696/826</b>	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.