



***TiONA*[®] TiO₂ for Plastics**
**Europe, Middle East
and Africa**



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

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TiONA® TiO₂ for Plastics

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.

		Process	Polyolefins/ Masterbatch							PVC		Engineering Resins						Other	Typical Properties	
			Blown Film	Cast Film	Agricultural Film	BOPP	Extrusion Coating	Injection and Blow Molding	Liquid Colour	Rigid	Flexible	Styrenics	ABS	PC/PC-ABS	Nylon	Acrylic/ASA	PET/PBT	Rubber	TiO ₂ Content (excluding moisture)	Surface Treatment
Non-Weatherable/Non-Durable/Interior																				
TiONA® 288 TF	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. TiONA® 288 TF is treated with a proprietary organic treatment to better meet increasingly stringent regulatory compliance needs.	Chloride Rutile	***	***		***	***	**	**		**	**	**		**	**	***	*	98%	Proprietary Hydrophobic Organic
TiONA® 244	A neutral tone product designed for optimal dispersion and processing performance. The proprietary treatment yields an easy-dispersing pigment in virtually all plastic resin systems, and inhibits the yellowing effects that can occur during polyolefin processing	Chloride Rutile	***	***		**	**	***	**	**	**	**	**		*		**	*	98%	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	***	***		**		***	***	**	***	***	***		*	*		**	98%	Al, Hydrophobic Organic
TiONA® 134 TF	A blue tone, general purpose product designed to provide superior optical properties and dispersibility in a wide range of plastic applications. TiONA® 134 TF is treated with a proprietary organic treatment to better meet increasingly stringent regulatory compliance needs.	Chloride Rutile	*	**			*	***	**	**	***	**	**					**	98%	Al, Hydrophilic 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	**	**				**	**	**	***	**	**					**	98%	Al, Hydrophobic Organic
TiONA® AT-1	A technically pure, dry milled product. It is especially suitable for applications where the high whiteness and blue masstone of anatase TiO ₂ is preferred.	Sulfate Anatase						*	*	*	*				*	*		***	>99%	Untreated
Weatherable/Durable/Exterior/Non-chalking																				
TiONA® 8300	Provides outstanding weathering properties combined with superior optical properties and ease of processing in many polymer systems.	Chloride Rutile		**	**			***	**	***	***	**	**		*	**		**	93%	Al, Si, Hydrophobic Organic
TiONA® 168	A durable product, providing outstanding weathering resistance combined with superior optical properties and ease of processing in many polymer systems.	Chloride Rutile		**	**			***	*	***	***	**	**		*	**		**	95%	Al, Si, Hydrophobic Organic
TiONA® 826	A universal, high performance product designed to provide an exceptional combination of ease of dispersion, superior optical properties and very high weatherability in a wide range of applications.	Chloride Rutile			*			**	*	**	**	**	**		*				94%	Al, Si, Hydrophilic Organic
TiONA® 121	A universal, high performance product with high weatherability used in exterior PVC systems and other durable plastics.	Chloride Rutile			*			**	*	**								*	94%	Al, Si, Hydrophilic Organic
Engineering																				
TiONA® 8870	A blue-tone pigment specially designed for polycarbonate and engineering plastics, featuring an innovative organic treatment that provides excellent thermal stability, color retention, and impact strength.	Chloride Rutile											**	***					96%	Al, Hydrophobic Organic
TiONA® 8890	A neutral-tone pigment specially designed for polycarbonate and engineering plastics, featuring an innovative organic treatment that provides excellent thermal stability, color retention, and impact strength.	Chloride Rutile											**	***					97%	Al, Hydrophobic 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.