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







## **TiONA** TiO<sub>2</sub> for Plastics Europe, Middle East and Africa



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 gettingthe 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			
<b>TIONA</b> ${}_{\circ}$ TiO <sub>2</sub> for Plastics			Blown Film	Cast Film	Agricultural Film	ВОРР	Extrusion Coating	Injection and Blow Molding	Liquid Color	Rigid	Flexible	Styrenics	
Non-Weatherable/Non-I	Durable/Interior/Chalking												
<b>Tiona</b> . 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. This ensures 288 has excellent processability, making it particularly suitable for high-temperature and dispersion critical film applications.	Chloride Rutile	***	***		***	***	**	**	**	**	**	
<b>Tiona</b> . 8400	A high performance, blue tone product that combines best processing and high output rates as well as superior optical properties in high pigment concentrate polymer systems, where durability is not required.	Chloride Rutile	***	***		*	*	***	**	**	**	**	
<b>Tiona</b> . 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	***	***		**	**	***	*	**	**	**	
<b>Tiona</b> 。470	A blue tint tone, general purpose product that combines superior optical performance with outstanding dry flow attributes.	Chloride Rutile	**	**			*	***	***	**	***	**	
<b>Tiona</b> .134	A blue tone, general purpose product designed to provide superior optical properties and dispersibility in a wide range of plastic applications.	Chloride Rutile	*	**				***	**	**	***	**	
<b>Tiona</b> 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											
<b>TiKON</b> ™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	**	**				**	**	***	***	***	
<b>Tiona</b> . 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							*	*	*		
Weatherable/Durable/Exterior/Non-chalking													
<b>Tiona</b> . 8300	Provides outstanding weathering properties combined with superior optical properties and ease of processing in many polymer systems.	Chloride Rutile		**	**			***	**	***	***	**	
<b>Tiona</b> .168	A durable product, providing outstanding weathering resistance combined with superior optical properties and ease of processing in many polymer systems.	Chloride Rutile		**	***			***	*	***	***	**	
<b>Tiona</b> .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			**			**	*	**	**		
<b>Tiona</b> .121	A universal, high performance product with high weatherability used in exterior PVC systems and other durable plastics.	Chloride Rutile			*			**	*	**	**		

\*\*\* = 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.

