

TITANIUM DIOXIDE

T e c h n i c a l D a t a

8120

TRONOX® 8120 rutile titanium dioxide pigment is a product developed specifically for decorative paper applications. 8120 offers excellent efficiency, consistency, and suitability in a wide range of paper manufacturing processes. It combines high brightness and clean tone with outstanding opacity, high lightfastness and good retention characteristics in decorative papers.

Applications

Highly pigmented decorative papers ■ Pre-impregnated foils ■ Lamination printing inks

Typical Properties¹

TiO ₂ content %	90
Density	
Specific gravity	3.9
Bulk	0.6 kg/l or 38 lbs/cu. ft
Oil absorption	24
Average particle size ² (µm)	0.26
Lightfastness DIN 54 004	>6
Specification	
ASTM D476- 00(2005)	Type III
ISO 591-1:2000	.R2

¹Typical properties not to be construed as specifications

²By TEM

The information herein is believed to be reliable. However, no warranty, expressed or implied, is made as to its accuracy or completeness and none is made as to the merchantability of the material or its fitness for any purpose. The manufacturer shall not be liable for consequential damages or for damages to persons or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.

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