R-F9156

Titanium Dioxide

Description

R-F 9156 is Alumina and organic treated Rutile pigment which produced by sulphate process. It is specially designed for outstanding MFR property. It combines good tinting strength and bluish undertone.

Technical specification

Version: 1.0/2025

Item	Property	
TiO_2 Content, %	Min	97
Relative tinting strength,%	Min	115
Oil absorption, g/100g	Max	18
Moisture 105℃, %	Max	0.3
Sieve residue (325 mesh), %	Max	0.03
Water soluble substance, %	Max	0.3
Specific gravity, g/cm3	4.1	
PH	6.5-8.5	
Standard classification	ISO 591 DIN 55912 R1	
	ASTM D476: II	
Color index	Pigment white 6	
Packing	25kg/bag, 500kg/bag, 1000kg/bag	
Application	Masterbatch,Film.	
Storage	Store in cool, well-ventilated area. Keep away from ignition source, heat and flame. Store in a tightly closed container.	
Handling	Avoid dust formation during handling. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. In case of insufficient ventilation, wear suitable respiratory equipment. Please see the Material Safety Data Sheets (MSDS) of this product for more safety information prior to use.	

The information set forth herein is to the best of our knowledge reliable and accurate but is not to be construed as a warranty. It is subject to change without notice. For additional information regarding our products or for information concerning current specifications, please contact our Technical Customer Service.

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R-F9156 typical application performance

	PVC white sheet	PVC grey sheet	PP injection
L*	97.52	65.31	98.30
b*	1.76	-0.89	2.07
*Relative tinting strength,% (Reference samples are STD)	/	104	/

1. PVC mixture complies with HG/ T 4769.1-2014;

2.PVC white / grey sheet: Pigment (TiO_2) concentration (PHR) = 4.0, grey sheet (TiO_2: carbon black) = 20:1;

3. PP injection: Pigment (TiO_2) content = 10%;

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