IR-1000

Infrared Reflect TiO_2

Description

IR-1000 is a special material that has the ability to reflect the infrared rays in the light. Its material is titanium dioxide. It can be used as additive other than pigment in various color systems to help the object keep a lower temperature.

Technical specification

Version: 1.0/2025

Item	Property	
TiO_2 Content, %	Min	90
Rutile content,%:	Min	99
Refractive index:	2.7	
Inorganic treatment:	2%-4% Dense SiO_2	
	1%-3% Al_2O_3	
Organic treatment:	Bespoke	
Oil absorption g/100g:	17-20	
Specific gravity g/cm^3	4.0	
Dispersion in oil:	Max	15um
Loss at 105℃,%	Max	0.6
PH:	7~9.5	

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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