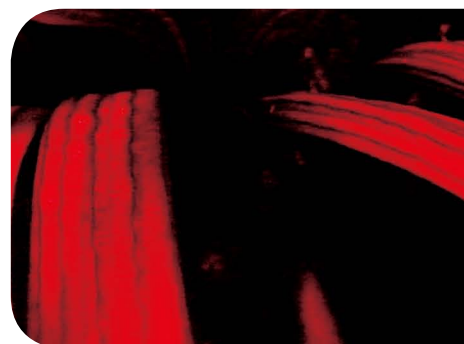
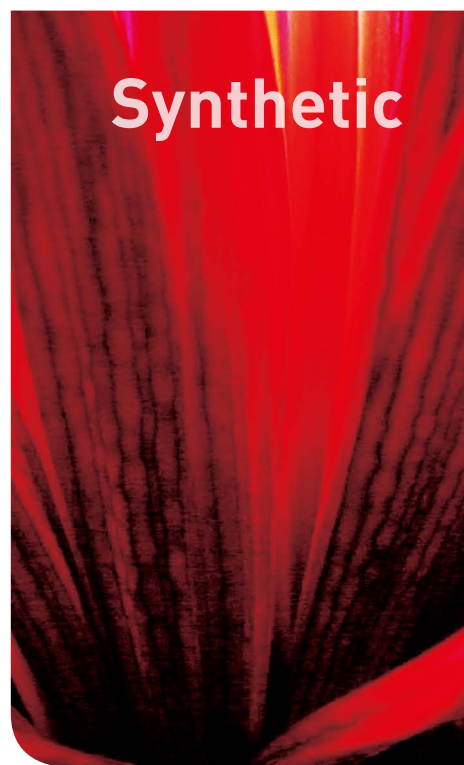


# Reflex<sup>TM</sup>

Color Pigments Coated Pearl



The world's leader in  
quality effect pigment technology

>>>>>>



# Reflex™

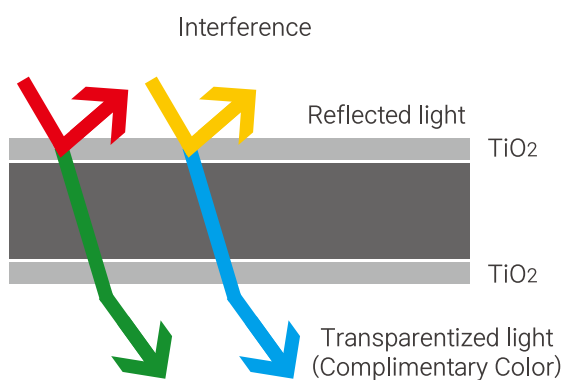
## Product Info.

### Brand of Substrate

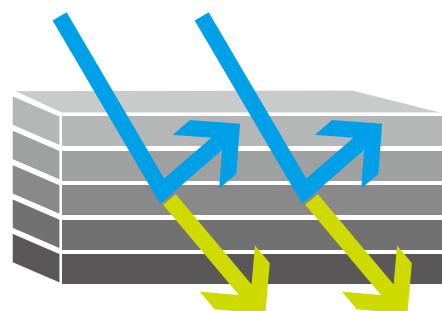
– SMP (Synthetic Mica Based Pearl) Series : Reflex™ Color

### Feature

Transparency comparison between Pearl and Colored Pearl



Colored Pearl Effectual Transparency



High  
QUALITY

Various  
PRODUCTS

Timely  
DELIVERY

Rational  
PRICE

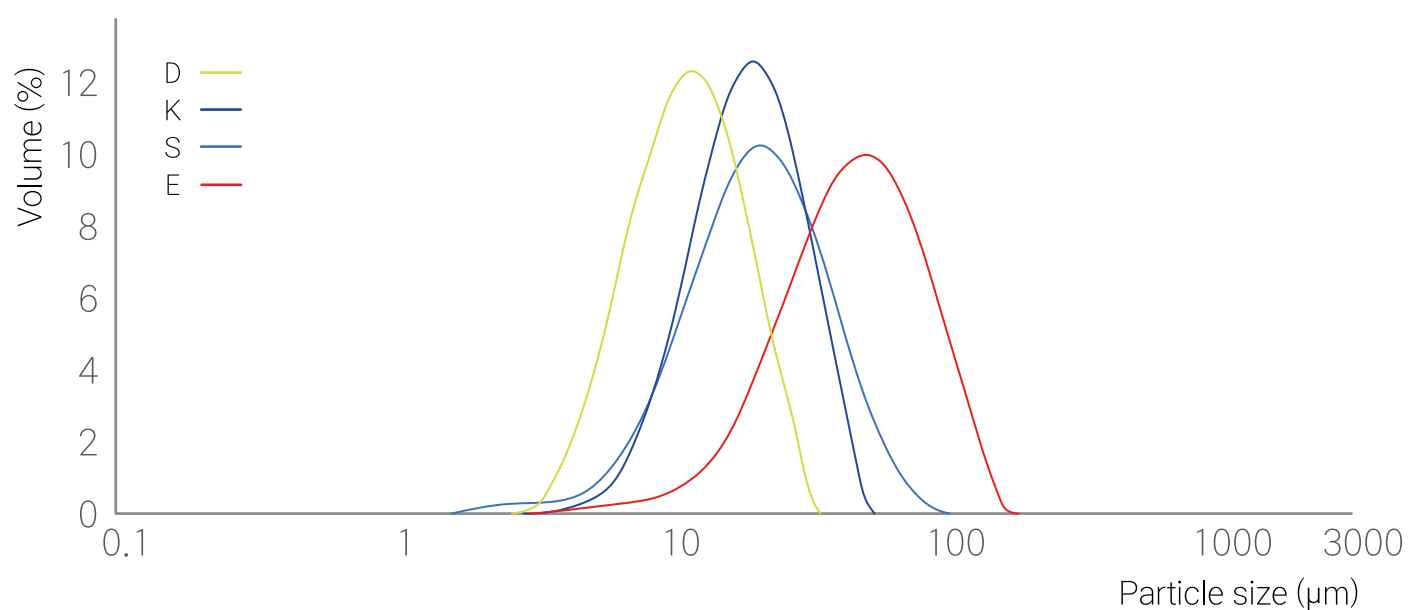
Rapid  
FEED-BACK



## Particle Size Distribution & Effect

FRACTION	SIZE(micrometer)	LUSTER	FEATURES
D	5~25 $\mu\text{m}$	Pearl luster	Medium hiding power
K	7~45 $\mu\text{m}$	Soft luster	Marginal hiding power
S	9~45(50) $\mu\text{m}$	Shimmering luster	Poor hiding power
E	15~105 $\mu\text{m}$	Glittering luster	Very poor hiding power

## Particle Size Histogram by Grade



# Reflex™ Color

## Color Coated Pearlescent Pigments

In comparison with the pre-existing Interference Pigment, Reflex™ Color Pigment Coated Pearl (RC GRADE) offers an improved variety of clearer dark colors. The coated Colorant's clear color is increased by the interference color in the Pearl Pigment therefore increasing the color tone of the RC GRADE.

**RC GRADE** is a Two-Color Effect Pigment that has evenly coated the Pearlescent Pigment surface with Pre-dispersed organic or inorganic colorant.

A wide variety of color can be produced through mixture of the disposition and the coating Colorant. Different from pre-existing Interference Pigment, this is a unique form of Pigment that can distinctly display two colors depending on the angle.

**RC GRADE** preserves the feel of the Interference Pigment by coating the Pearl Pigment with various colors of Colorant which also reduces the need for additional mixing of colors.

It also reduces bleeding and running of the Colorant.

**RC GRADE's** extremely high dispersibility carries the advantages of reducing additional disperse work.

### Special Features

- Deep and Diverse Color
- Excellent Dispersibility
- Various Fields of Industry





# Reflex™ Color

## Pearlescent Pigments Product List





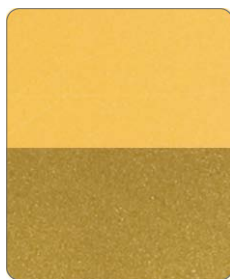




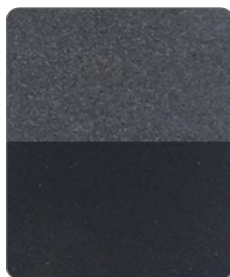
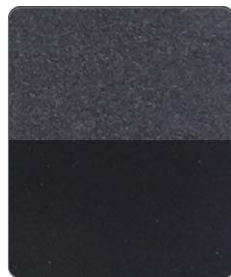








### Reflex™ Color Synthetic Series

Product Name	Code	Size(μm)
Reflex™ Fine Gray Pearl	RC-9011D	5-25
Reflex™ Fine Blue Pearl	RC-7881D	5-25
Reflex™ Passion Red	RC-6640K	7-45
Reflex™ Splendor Orange Pearl	RC-7021K	7-45
Reflex™ Splendor Sky Blue Pearl	RC-7885K	7-45
Reflex™ Gray Pearl	RC-9011S	9-45
Reflex™ Green Pearl	RC-9091S	9-45
Reflex™ Real White	RC-1000S	9-50
Reflex™ Super Fine Onyx Black	RC-1010D	5-25
Reflex™ Super Onyx Black	RC-1010S	9-50
Reflex™ Goldenbell Color Pearl	RC-7001S	9-45
Reflex™ Gray Gold Pearl	RC-7011S	9-45
Reflex™ Orange Pearl	RC-7021S	9-50
Reflex™ Red Pearl	RC-7441S	9-50
Reflex™ Deep Blue Pearl	RC-7883S	9-45
Reflex™ Sky Blue Pearl	RC-7885S	9-50
Reflex™ Evergreen Pearl	RC-7991S	9-45
Reflex™ Blue Pearl	R-7881S	9-45

# Reflex™ Color

## Pearlescent Pigments

Reflex™ Color Synthetic Series

	 <p>Reflex™ Fine Gray Pearl <b>RC-9011D</b> Size(μm) 5 - 25</p>	 <p>Reflex™ Fine Blue Pearl <b>RC-7881D</b> Size(μm) 5 - 25</p>	 <p>Reflex™ Passion Red Pearl <b>RC-6640K</b> Size(μm) 7 - 45</p>	 <p>Reflex™ Splendor Orange Pearl <b>RC-7021K</b> Size(μm) 7 - 45</p>	 <p>Reflex™ Splendor Sky Blue Pearl <b>RC-7885K</b> Size(μm) 7 - 45</p>
 <p>Reflex™ Gray Pearl <b>RC-9011S</b> Size(μm) 9 - 45</p>	 <p>Reflex™ Green Pearl <b>RC-9091S</b> Size(μm) 9 - 45</p>	 <p>Reflex™ Real White <b>RC-1000S</b> Size(μm) 9 - 50</p>	 <p>Reflex™ Super Fine Onyx Black <b>RC-1010D</b> Size(μm) 5 - 25</p>	 <p>Reflex™ Super Onyx Black <b>RC-1010S</b> Size(μm) 9 - 50</p>	
 <p>Reflex™ Goldenbell Color Pearl <b>RC-7001S</b> Size(μm) 9 - 45</p>	 <p>Reflex™ Gray Gold Pearl <b>RC-7011S</b> Size(μm) 9 - 45</p>	 <p>Reflex™ Orange Pearl <b>RC-7021S</b> Size(μm) 9 - 50</p>	 <p>Reflex™ Red Pearl <b>RC-7441S</b> Size(μm) 9 - 50</p>	 <p>Reflex™ Deep Blue Pearl <b>RC-7883S</b> Size(μm) 9 - 45</p>	
 <p>Reflex™ Sky Blue Pearl <b>RC-7885S</b> Size(μm) 9 - 50</p>	 <p>Reflex™ Evergreen Pearl <b>RC-7991S</b> Size(μm) 9 - 45</p>	 <p>Reflex™ Blue Pearl <b>R-7881S</b> Size(μm) 9 - 45</p>			

# Reflex™ Color

## Pearlescent Pigments Technical Data

Code	Product Name	Particle Size(μm)		pH	Composition					
		(D10-D90)	(D50)	(10% Sol.)	KMg <sub>3</sub> AlSi <sub>3</sub> O <sub>10</sub> F <sub>2</sub>	Mica	SnO <sub>2</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Others
<b>RC-9011D</b>	Reflex™ Fine Gray Pearl	5 - 25	10 - 12	6 - 10	○		○	○		Graphite
<b>RC-7881D</b>	Reflex™ Fine Blue Pearl	5 - 25	10 - 12	6 - 10	○		○	○		CI Pigment Blue 15
<b>RC-6640K</b>	Reflex™ Passion Red	7 - 45	20 - 25	5 - 9	○				○	CI Pigment Red 254
<b>RC-7021K</b>	Reflex™ Splendor Orange Pearl	7 - 45	18 - 22	6 - 10	○		○	○		CI Pigment Orange 61
<b>RC-7885K</b>	Reflex™ Splendor Sky Blue Pearl	7 - 45	18 - 22	6 - 10	○		○	○		CI Pigment Blue 15
<b>RC-9011S</b>	Reflex™ Gray Pearl	9 - 45	21 - 24	6 - 10	○		○	○		Graphite
<b>RC-9091S</b>	Reflex™ Green Pearl	9 - 45	21 - 24	6 - 10	○		○	○		CI Pigment Green 7
<b>RC-1000S</b>	Reflex™ Real White	9 - 50	19 - 23	6 - 10	○			○		
<b>RC-1010D</b>	Reflex™ Super Fine Onyx Black	5- 25	12 - 16	7 - 11	○			○		Iron Oxide Black
<b>RC-1010S</b>	Reflex™ Super Onyx Black	9 - 50	20 - 24	7 - 11	○			○		Iron Oxide Black
<b>RC-7001S</b>	Reflex™ Goldenbell Color Pearl	9 - 45	21 - 24	6 - 10	○		○	○		CI Pigment Yellow 180
<b>RC-7011S</b>	Reflex™ Gray Gold Pearl	9 - 45	21 - 24	6 - 10	○		○	○		Graphite
<b>RC-7021S</b>	Reflex™ Orange Pearl	9 - 50	23 - 27	6 - 10	○		○	○		CI Pigment Orange 61
<b>RC-7441S</b>	Reflex™ Red Pearl	9 - 50	23 - 27	6 - 10	○		○	○		CI Pigment Red 254
<b>RC-7883S</b>	Reflex™ Deep Blue Pearl	9 - 45	21 - 24	4 - 7	○		○	○		Ferric Ferrocyanide
<b>RC-7885S</b>	Reflex™ Sky Blue Pearl	9 - 50	23 - 27	6 - 10	○		○	○		CI Pigment Blue 15
<b>RC-7991S</b>	Reflex™ Evergreen Pearl	9 - 45	21 - 24	6 - 10	○		○	○		CI Pigment Yellow 83/ CI Pigment Blue 15
<b>R-7881S</b>	Reflex™ Blue Pearl	9 - 45	21 - 24	6 - 10		○	○	○		CI Pigment Blue 15

■ Ferric ferrocyanide(CI No. 77510) is unstable to alkali and some salts. Therefore this product should not be used in alkaline formulations.

# CQV GLOBAL NETWORK

“Global Supplier of High Quality Effect Pigment Technologies.”



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