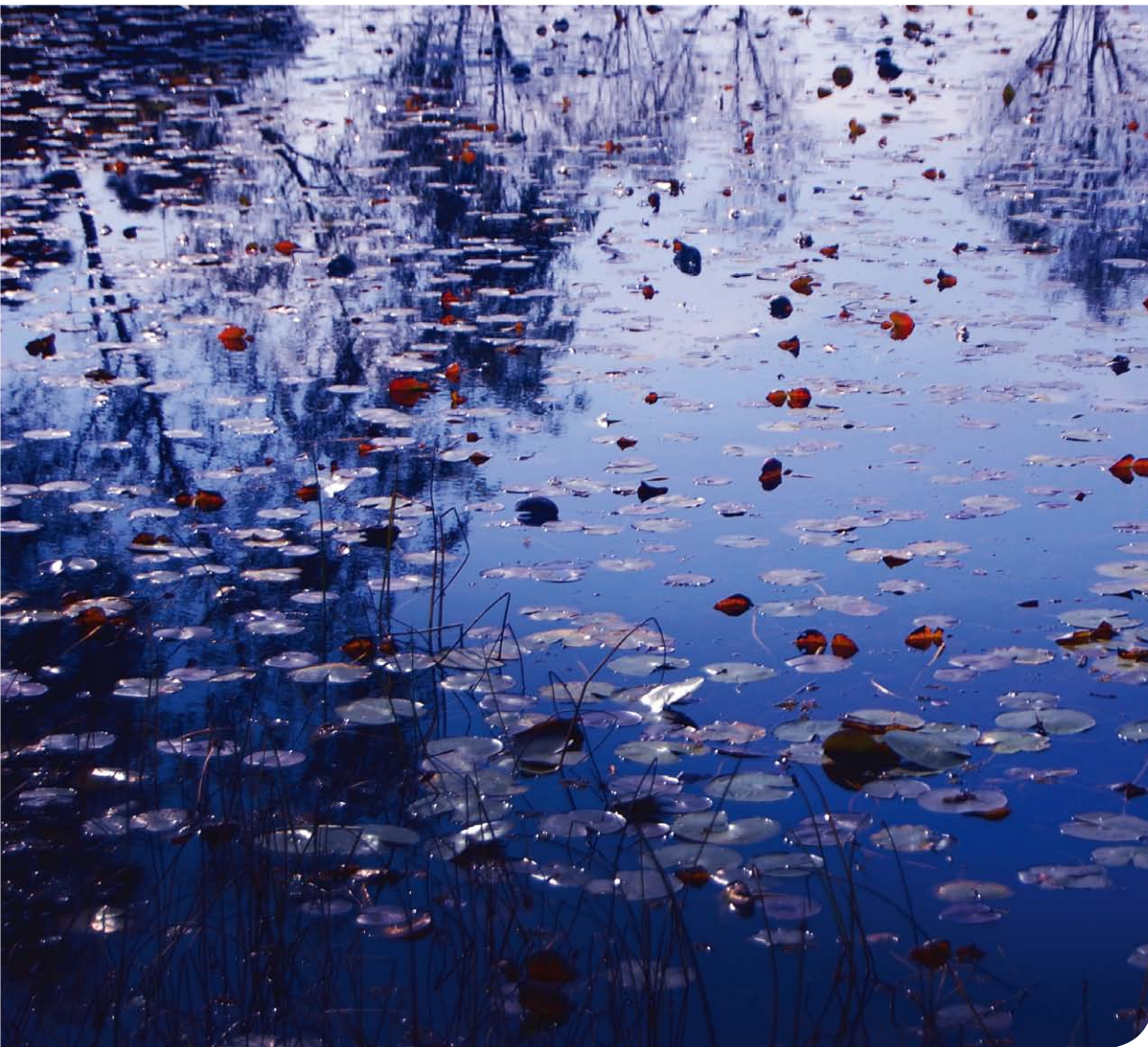


Econa[®]

Natural plant extract treated pearlescent pigments



The world's leader in
quality effect pigment technology



Econa[®] Product Info.

- Natural plant extract treated colored pearlescent pigments.
- Natural mica based pearlescent pigments.
- More stable colored pearlescent pigments than current colored pearlescent pigments products.

- Alternative to carmine and ferric ferrocyanide.
- Red, blue and Black, Yellow color available.
 - (Red : Caesalpinia sappan bark extract)
 - (Blue : Indigofera tinctoria leaf extract)
 - (Black : Charcoal powder coated black pearlescent pigments)
 - (Yellow : Carthamus Tinctorius (Safflower) flower Extract)
- All ingredients were registered in ICID.
- Parabens free and No animal testing.
- No contain the health and environmental hazard materials.
- Conforms global cosmetic regulations.
(US, EU, China and Japan etc.)

High
QUALITY

Various
PRODUCTS

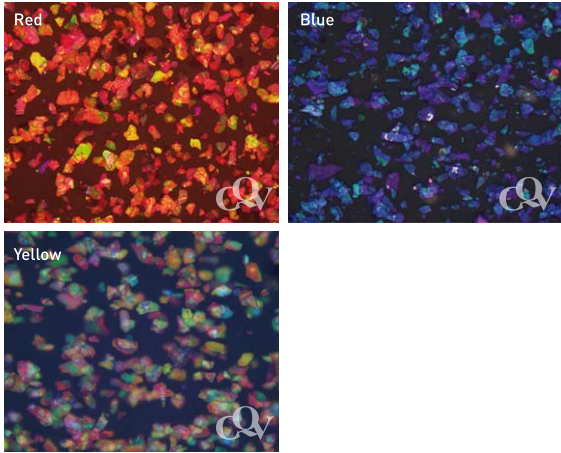
Timely
DELIVERY

Rational
PRICE

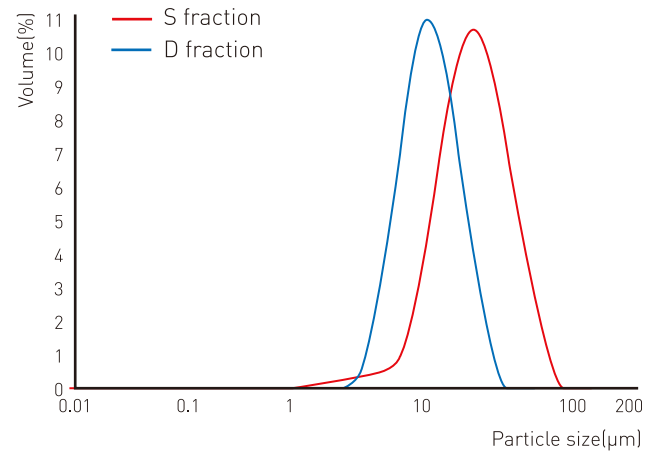
Rapid
FEED-BACK

Microscopic pictures

pigment rate : 2wt%, on black background

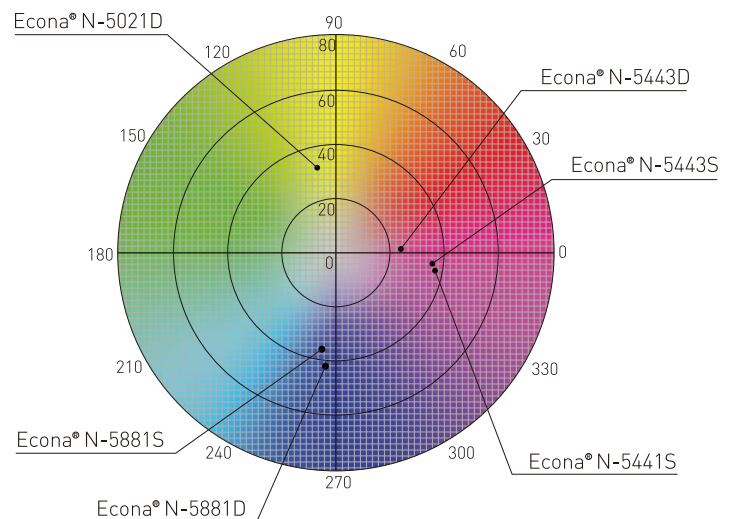
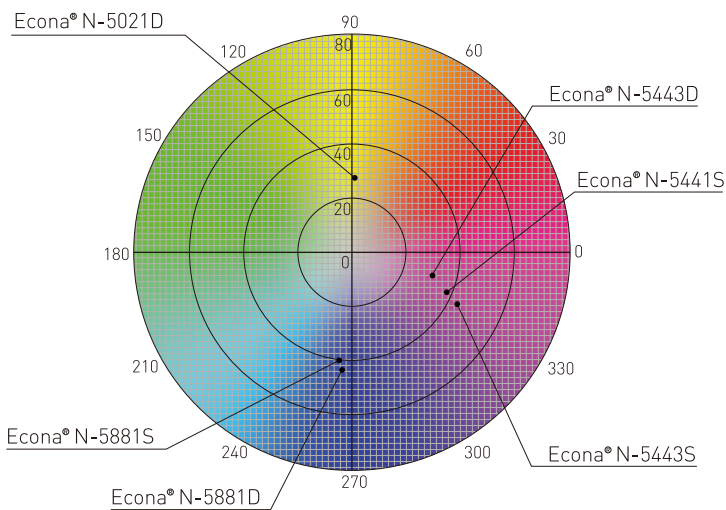


Particle size distribution



Color coordinates

		L*	a*	b*			L*	a*	b*
On black background	Econa® N-5443D	45.71	29.10	-8.23	Powder tone	Econa® N-5443D	76.08	22.40	2.91
	Econa® N-5441S	45.47	34.43	-14.32		Econa® N-5441S	62.76	36.16	-6.43
	Econa® N-5443S	44.36	38.15	-18.68		Econa® N-5443S	66.27	35.21	-3.84
	Econa® N-5881D	51.01	-4.02	-42.76		Econa® N-5881D	53.50	-4.37	-41.62
	Econa® N-5881S	50.02	-5.06	-39.24		Econa® N-5881S	54.41	-5.94	-36.01
	Econa® N-5021D	42.92	1.12	27.98		Econa® N-5021D	84.46	-7.12	31.64



Econa[®]

Natural plant extract treated
pearlescent pigments

Pearlescent pigments treated with highly stable natural plant extracts resulting in vibrant color shades.

The Econa[®] Natural series shows better overall color stability than current absorption colored effect pigments in many cosmetic formulations while being natural and sustainable.

The Econa[®] Natural series allow for the use of color in a greater variety of cosmetic products.

Special Features

- Natural mica based pearlescent pigments
- Natural colored plant extracts provide an alternative to carmine and ferric ferrocyanide
- Currently four colors available (Red, Blue, Black, Yellow)
- Easy to disperse
- Applicable for a wide variety of cosmetic products

Applications

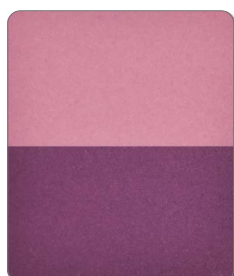
- Eye related products
- Lip related products
- Nail enamel products
- Body and beauty products



Econa®

Natural plant extract treated pearlescent pigments

Natural mica based pearlescent pigments



Econa® N-5443D Super Fine Sappan Red
Econa® N-5443D
Size(μm) 5 - 27



Econa® N-5441S Sappan Red
Econa® N-5441S
Size(μm) 8 - 50



Econa® N-5443S Super Sappan Red
Econa® N-5443S
Size(μm) 8 - 50



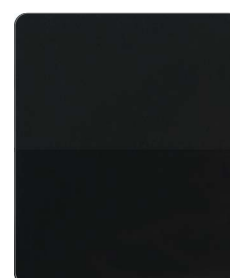
Econa® N-5881D Fine Indigo Blue
Econa® N-5881D
Size(μm) 5 - 27



Econa® N-5881S Indigo Blue
Econa® N-5881S
Size(μm) 8 - 50



Econa® N-5021D Fine Mango Yellow
Econa® N-5021D
Size(μm) 5 - 27



Econa® N-1010D Dark Night
Econa® N-1010D
Size(μm) 3 - 25

Econa®

Natural plant extract treated pearlescent pigments Technical Data

Natural mica based pearlescent pigments

Code	Product Name	Particle Size(μm)		pH (10% Sol.)	Composition							
		(D10-D90)	(D50)		Mica	SnO ₂	TiO ₂	Caesalpinia Sappan Bark Extract	Indigofera Tinctoria Leaf Extract	Carthamus Tinctorius (Safflower) flower Extract	Charcoal Powder	
Econa®N-5443D	Econa® N-5443D Super Fine Sappan Red	5 - 27	11 - 15	4 - 8	○	○	○	○				
Econa®N-5441S	Econa® N-5441S Sappan Red	8 - 50	22 - 26	4 - 8	○	○	○	○				
Econa®N-5443S	Econa® N-5443S Super Sappan Red	8 - 50	22 - 26	4 - 8	○	○	○	○				
Econa®N-5881D	Econa® N-5881D Fine Indigo Blue	5 - 27	11 - 15	4 - 8	○	○	○			○		
Econa®N-5881S	Econa® N-5881S Indigo Blue	8 - 50	22 - 26	4 - 8	○	○	○			○		
Econa®N-5021D	Econa® N-5021D Fine Mango Yellow	5 - 27	11 - 15	4 - 8	○	○	○				○	
Econa®N-1010D	Econa® N-1010D Dark Night	3 - 25	8 - 12	4 - 8	○							○

CQV GLOBAL NETWORK

“Global Supplier of High Quality Effect Pigment Technologies.”



Creation of Quality Value

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