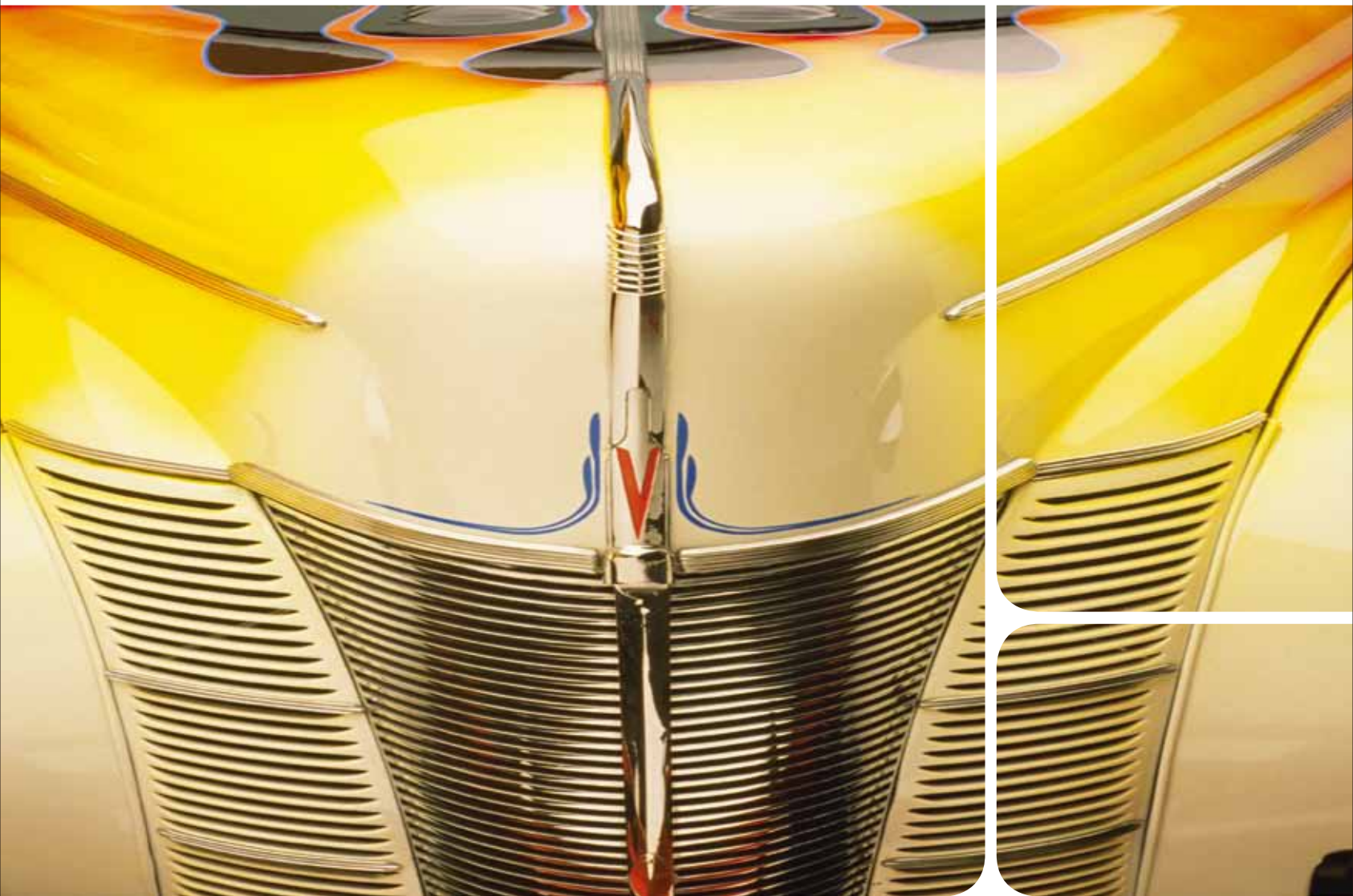


Automotive Natural™

Pearlescent Pigments

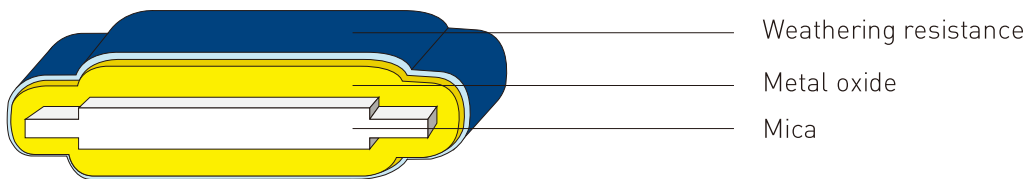


The world's leader in
quality effect pigment technology



Automotive Natural™ Product Info.

- Weathering treatment of automotive pearl
- Strengthening of U.V & Water resistance
- Strengthening of compatibility
(Silane coupling agents coating)



OP Version

Better compatibility with water-born resin

SP Version

Better compatibility with both of solvent-born and water-born resin

High
QUALITY

Various
PRODUCTS

Timely
DELIVERY

Rational
PRICE

Rapid
FEED-BACK

Surface treatment of CQV's exterior pigments in detail

Automotive pearlescent pigments have surface treatment on particle for property improvement of weather-fastness, water resistance, chemical stability and adhesion etc.

CQV, exterior pigments are basically available with the below three different weather resistant coatings.

NT Version(Automotive line)

Better compatibility with solvent-born resin

SP Version(Automotive, Automotive Chaos line)

Better compatibility with both of solvent-born and water-born resin

OP Version(Automotive Natural line)

Better compatibility with both of solvent-born and water-born resin

Automotive Natural™ Pearlescent Pigments

Automotive Natural™ OP is a products are that natural mica pigments is treated for automotive paints on the surface.

Automotive Natural™ OP products are treated by Silane coupling agent to enhance the compatibility of products.

Automotive Natural™ OP products can be used in various fields without special resin restriction, containing the natural mica pearl own unique color and sparkling.

By using Automotive Natural™ OP products, each color designer can develop the creative product that not affected by specific work environment.

Special Features

- Silky, brilliant and glitter pearlescent pigments
- High compatibility in various field
- Durability & Humidity resistant

Applications

- Automotive coatings
- Architecture coatings
- Coil coatings



Automotive Natural™

Pearlescent Pigments Product List

Automotive Natural White Pearlescent Pigments

Product Name	Code	Size(μm)
Automotive Natural™ Micro White	A-801F-OP	2 - 14
Automotive Natural™ Fine White	A-801D-OP	5 - 25
Automotive Natural™ Splendor White	A-801K-OP	5 - 35
Automotive Natural™ Dazzling White	A-801S*-OP/SP	9 - 40
Automotive Natural™ Sparkle White	A-801E-OP	18 - 100

Automotive Natural Interference Pearlescent Pigments

Product Name	Code	Size(μm)
Automotive Natural™ Fine Gold	A-501D-OP	5 - 25
Automotive Natural™ Fine Red	A-541D-OP	5 - 25
Automotive Natural™ Fine Violet	A-561D-OP	5 - 25
Automotive Natural™ Fine Blue	A-581D-OP	5 - 25
Automotive Natural™ Fine Green	A-591D-OP	5 - 25
Automotive Natural™ Dazzling Gold	A-501S*-OP	9 - 40
Automotive Natural™ Dazzling Red	A-541S*-OP	9 - 40
Automotive Natural™ Dazzling Violet	A-561S*-OP	9 - 40
Automotive Natural™ Dazzling Blue	A-581S*-OP	9 - 40
Automotive Natural™ Dazzling Green	A-591S*-OP	9 - 40

Automotive Natural Metallic Pearlescent Effect Pigments

Product Name	Code	Size(μm)
Automotive Natural™ Satin Gold	A-201D-OP	5 - 25
Automotive Natural™ Metallic Gold	A-201S*-OP	9 - 40
Automotive Natural™ Real Gold	A-203S*-OP	9 - 40
Automotive Natural™ Satin Copper	A-240D-OP	5 - 25
Automotive Natural™ Satin Russet	A-260D-OP	5 - 25
Automotive Natural™ Super Copper	A-244S*-OP	9 - 40
Automotive Natural™ Super Russet	A-266S*-OP	9 - 40

Automotive Natural™

Pearlescent Pigments

Automotive Natural White Pearlescent Pigments



Automotive Natural™
Micro White
A-801F-OP
Size(μm) 2 - 14



Automotive Natural™
Fine White
A-801D-OP
Size(μm) 5 - 25



Automotive Natural™
Splendor White
A-801K-OP
Size(μm) 5 - 35



Automotive Natural™
Dazzling White
A-801S*-OP/SP
Size(μm) 9 - 40



Automotive Natural™
Sparkle White
A-801E-OP
Size(μm) 18 - 100

Automotive Natural Interference Pearlescent Pigments



Automotive Natural™
Fine Gold
A-501D-OP
Size(μm) 5 - 25



Automotive Natural™
Fine Red
A-541D-OP
Size(μm) 5 - 25



Automotive Natural™
Fine Violet
A-561D-OP
Size(μm) 5 - 25



Automotive Natural™
Fine Blue
A-581D-OP
Size(μm) 5 - 25



Automotive Natural™
Fine Green
A-591D-OP
Size(μm) 5 - 25



Automotive Natural™
Dazzling Gold
A-501S*-OP
Size(μm) 9 - 40



Automotive Natural™
Dazzling Red
A-541S*-OP
Size(μm) 9 - 40



Automotive Natural™
Dazzling Violet
A-561S*-OP
Size(μm) 9 - 40



Automotive Natural™
Dazzling Blue
A-581S*-OP
Size(μm) 9 - 40



Automotive Natural™
Dazzling Green
A-591S*-OP
Size(μm) 9 - 40

Automotive Natural™

White Pearlescent Pigments Technical Data

Code	Product Name	Particle Size(μm)		pH (10% Sol.)	Composition			
		(D10-D90)	(D50)		Mica	SnO ₂	TiO ₂	Silane
A-801F-OP	Automotive Natural™ Micro White	2 - 14	5 - 8	4 - 8	○	○	○	○
A-801D-OP	Automotive Natural™ Fine White	5 - 25	9 - 13	4 - 8	○	○	○	○
A-801K-OP	Automotive Natural™ Splendor White	5 - 35	15 - 20	4 - 8	○	○	○	○
A-801S*-OP/SP	Automotive Natural™ Dazzling White	9 - 40	18 - 22	4 - 8	○	○	○	○
A-801E-OP	Automotive Natural™ Sparkle White	18 - 100	46 - 52	4 - 8	○	○	○	○

Interference Pearlescent Pigments Technical Data

Code	Product Name	Particle Size(μm)		pH (10% Sol.)	Composition			
		(D10-D90)	(D50)		Mica	SnO ₂	TiO ₂	Silane
A-501D-OP	Automotive Natural™ Fine Gold	5 - 25	9 - 13	4 - 8	○	○	○	○
A-541D-OP	Automotive Natural™ Fine Red	5 - 25	9 - 13	4 - 8	○	○	○	○
A-561D-OP	Automotive Natural™ Fine Violet	5 - 25	9 - 13	4 - 8	○	○	○	○
A-581D-OP	Automotive Natural™ Fine Blue	5 - 25	9 - 13	4 - 8	○	○	○	○
A-591D-OP	Automotive Natural™ Fine Green	5 - 25	9 - 13	4 - 8	○	○	○	○
A-501S*-OP	Automotive Natural™ Dazzling Gold	9 - 40	18 - 22	4 - 8	○	○	○	○
A-541S*-OP	Automotive Natural™ Dazzling Red	9 - 40	18 - 22	4 - 8	○	○	○	○
A-561S*-OP	Automotive Natural™ Dazzling Violet	9 - 40	18 - 22	4 - 8	○	○	○	○
A-581S*-OP	Automotive Natural™ Dazzling Blue	9 - 40	18 - 22	4 - 8	○	○	○	○
A-591S*-OP	Automotive Natural™ Dazzling Green	9 - 40	18 - 22	4 - 8	○	○	○	○

Automotive Natural™

Pearlescent Pigments

Automotive Natural Metallic Pearlescent Pigments



Automotive Natural™
Satin Gold
A-201D-OP
Size(μm) 5 - 25



Automotive Natural™
Metallic Gold
A-201S*-OP
Size(μm) 9 - 40



Automotive Natural™
Real Gold
A-203S*-OP
Size(μm) 9 - 40



Automotive Natural™
Satin Copper
A-240D-OP
Size(μm) 5 - 25



Automotive Natural™
Satin Russet
A-260D-OP
Size(μm) 5 - 25



Automotive Natural™
Super Copper
A-244S*-OP
Size(μm) 9 - 40



Automotive Natural™
Super Russet
A-266S*-OP
Size(μm) 9 - 40

Automotive Natural™

Metallic Pearlescent Pigments Technical Data

Code	Product Name	Particle Size(μm)		pH (10% Sol.)	Composition				
		(D10-D90)	(D50)		Mica	SnO ₂	TiO ₂	Fe ₂ O ₃	Silane
A-201D-OP	Automotive Natural™ Satin Gold	5 - 25	9 - 13	4 - 8	○	○	○	○	○
A-201S*-OP	Automotive Natural™ Metallic Gold	9 - 40	18 - 22	4 - 8	○	○	○	○	○
A-203S*-OP	Automotive Natural™ Real Gold	9 - 40	18 - 22	4 - 8	○	○	○	○	○
A-240D-OP	Automotive Natural™ Satin Copper	5 - 25	9 - 13	4 - 8	○	○	○	○	○
A-260D-OP	Automotive Natural™ Satin Russet	5 - 25	9 - 13	4 - 8	○	○	○	○	○
A-244S*-OP	Automotive Natural™ Super Copper	9 - 40	18 - 22	4 - 8	○	○	○	○	○
A-266S*-OP	Automotive Natural™ Super Russet	9 - 40	18 - 22	4 - 8	○	○	○	○	○

CQV GLOBAL NETWORK

“Global Supplier of High Quality Effect Pigment Technologies.”



Creation of Quality Value

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