

Automotive KromaxTM

Pearlescent Pigments

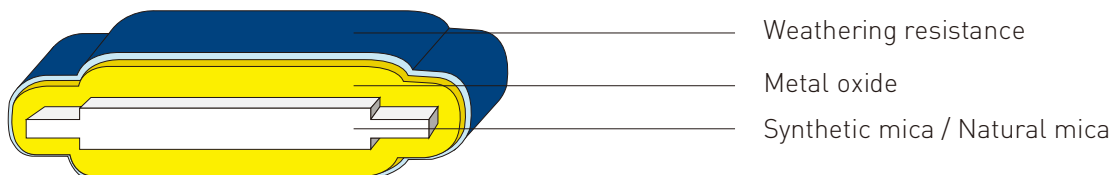


The world's leader in
quality effect pigment technology

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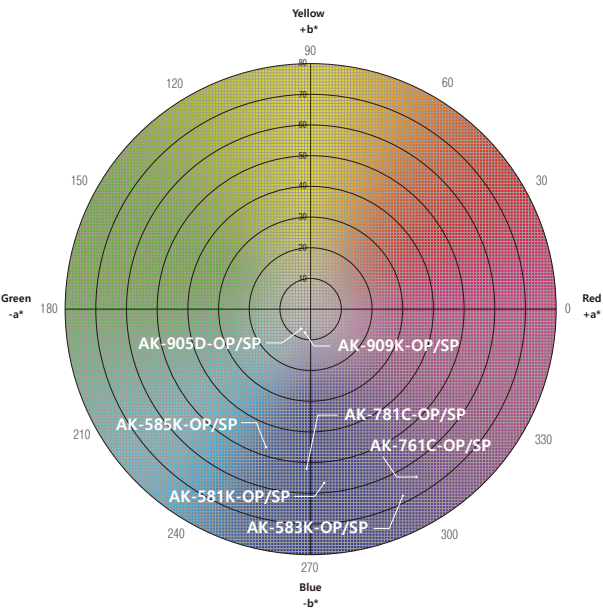
Automotive KromaxTM Product Information.

- Improved color strength and purity designed for exterior use.
 - Synthetic and natural mica based pearlescent pigments.
 - High performance surface treatment for exterior applications.
 - Compatible with various resin types.
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- Exterior durable surface treatment.
 - Easy to disperse in various solvent and water base systems.
 - Contain no materials that pose a hazard to health or the environment.
 - Conform to international regulations. (REACH, RoHs etc.)

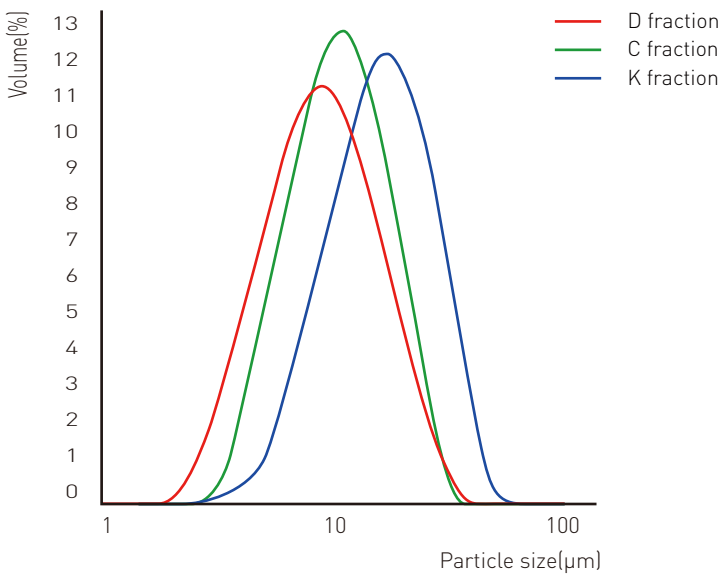


Color coordinates

pigments rate : 6wt%, on black background (25 °)



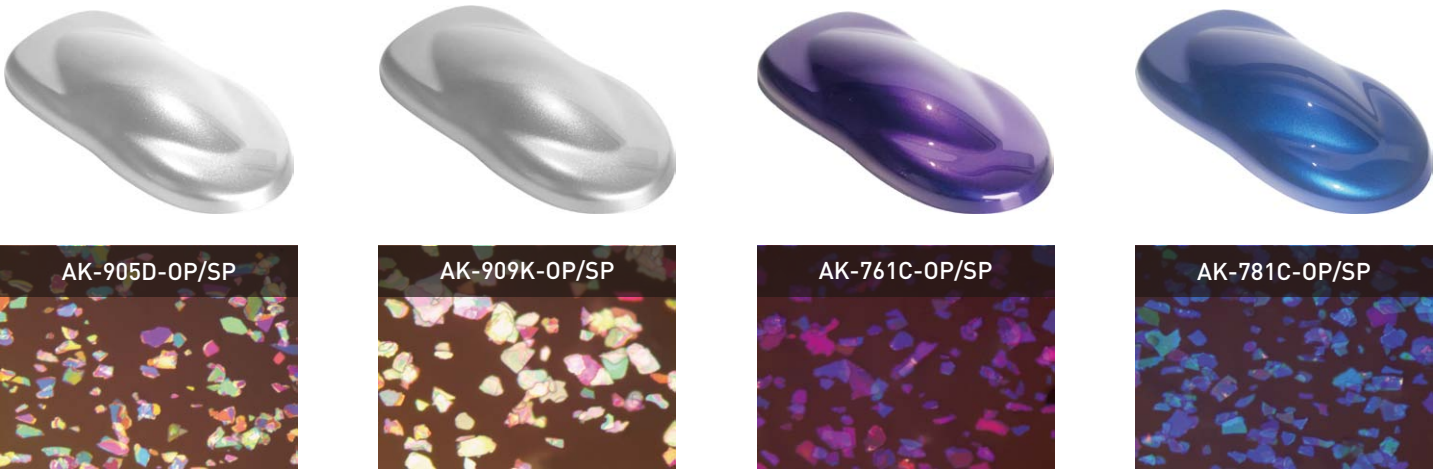
Particle size distribution



Typical bright field microscopic pictures (X 500)

pigments rate : D, C : 1wt%, K, S : 2wt% on black background

▪ Synthetic mica based products



▪ Natural mica based products



Automotive KromaxTM

Pearlescent Pigments

Automotive KromaxTM - Synthetic and natural mica based pearlescent pigments treated for exterior high performance applications, where weather resistance and resin compatibility are required.

Automotive KromaxTM - higher chroma compared to existing interference effect pigments.

In general, existing interference pearl pigments show color differences between each particle. CQV's precision manufacturing and coating technology, used for the Automotive Kromax series, eliminates the particle to particle color variation. This uniformity of color results in superior color strength and purity.

Special Features

- Synthetic and natural mica based pearlescent pigments
- Superior interference color effect
- Excellent sparkling effect
- Compatible in various resin systems
- Easy to disperse
- Wide range of use

Applications

- Automotive OEM and Refinish Coatings
- Aerospace Coatings
- High Performance Architectural Coatings
- High Performance Metal Finishes



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Pearlescent Pigments



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Technical Data

Code	Product Name	Particle Size(μm)		pH	Composition				
		(D10-D90)	(D50)	(10% Sol.)	Mica	KMg ₃ AlSi ₃ O ₁₀ F ₂	SnO ₂	TiO ₂	Silane
AK-581K-OP/SP	Automotive Kromax TM Splendor Ocean Blue	7 - 37	18 - 22	4 - 8	°		°	°	°
AK-583K-OP/SP	Automotive Kromax TM Splendor Indigo	7 - 37	18 - 22	4 - 8	°		°	°	°
AK-585K-OP/SP	Automotive Kromax TM Splendor Aqua	7 - 37	18 - 22	4 - 8	°		°	°	°
AK-905D-OP/SP	Automotive Kromax TM Snow White	5 - 25	10 - 14	4 - 8		°	°	°	°
AK-909K-OP/SP	Automotive Kromax TM Splendor White	9 - 35	17 - 21	4 - 8		°	°	°	°
AK-761C-OP/SP	Automotive Kromax TM Corona Violet	7 - 27	11 - 15	4 - 8		°	°	°	°
AK-781C-OP/SP	Automotive Kromax TM Corona Blue	7 - 27	11 - 15	4 - 8		°	°	°	°

CQV GLOBAL NETWORK

“Global Supplier of High Quality Effect Pigment Technologies.”



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