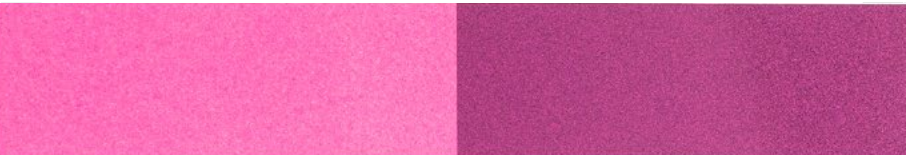


Colored pigments



Scarlet 10 – 50 µm Article No. 035675



Sapphire 10 – 50 µm Article No. 035650



Jade 10 – 50 µm Article No. 035676



Turquoise 10 – 50 µm Article No. 021292

Earth tone pigments



Supernova Red 10 – 50 µm Article No. 022295

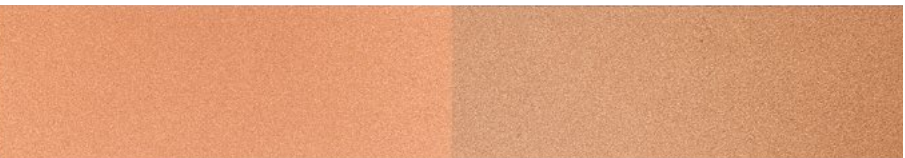


Supernova Orange 10 – 50 µm Article No. 024389

Earth tone pigments



Soft Black 1 – 15 µm Article No. 020450



Soft Peach 1 – 15 µm Article No. 020919



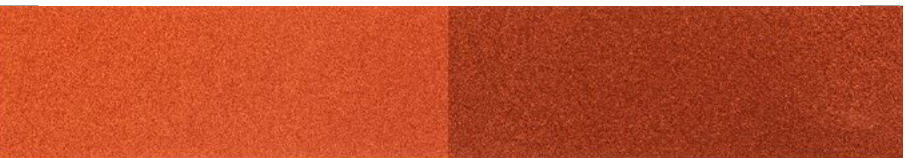
Soft Bronze 1 – 15 µm Article No. 020917



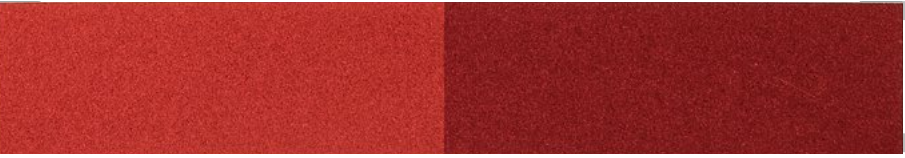
Soft Copper 1 – 15 µm Article No. 020918



Almond 10 – 50 µm Article No. 035687



Copper 10 – 50 µm Article No. 035672



Fire-Red 10 – 50 µm Article No. 035673



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A member of ALTANA



Synthetic mica pigments
for luminous cosmetic
formulations



Synthetic mica pigments for luminous
cosmetic formulations

SYNCRYSTAL effect pigments are based on synthetic fluorphlogopite flakes that allow superior skin feel, outstanding chroma, and a significantly lower level of impurities compared to natural mica based pigments.

SYNCRYSTAL is the perfect choice to create velvet like shimmer, silky gloss or an elegantly sparkling appearance.

Pigments of this series are ideally suited for color cosmetic applications like powders, lipsticks, glosses and nail polishes. Due to their clean white bulk color, SYNCRYSTAL silver and interference pigments can be advantageous in opaque systems like creams or lotions.

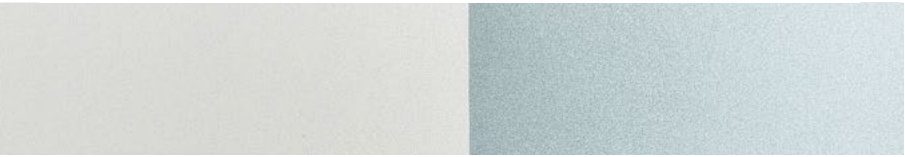
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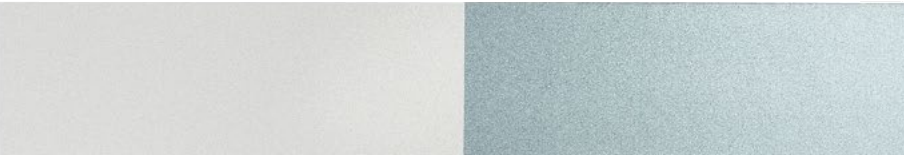
SYNCRYSTAL	Article No.	Particle Size (microns)	Content (%)					
Type			Synthetic Fluorphlogopite CAS: 12003-38-2 EINECS: 234-426-5	Titanium Dioxide (CI 77891) CAS: 13463-67-7 EINECS: 236-675-5	Tin Oxide CAS: 18282-10-5 EINECS: 242-159-0	Iron Oxides (CI 77491) CAS: 1309-37-1 EINECS: 215-168-2	Ferric Ferrocyanide (CI 77510) CAS: 14038-43-8 EINECS: 237-875-5	Carmine (CI 75470) CAS: 1390-65-4 EINECS: 215-724-4
Silver pigments								
Soft Silver	035685	1 – 15	60 – 71	29 – 39	< 1	–	–	–
Silk Silver	035651	5 – 25	60 – 71	29 – 39	< 1	–	–	–
Silver	035490	10 – 50	69 – 80	20 – 30	< 1	–	–	–
Sparkling Silver	035491	20 – 150	79 – 90	10 – 20	< 1	–	–	–
Interference pigments								
Gold	035631	10 – 50	56 – 69	31 – 43	< 1	–	–	–
Sparkling Gold	022465	20 – 150	71 – 82	18 – 28	< 1	–	–	–
Red	035632	10 – 50	33 – 46	54 – 66	< 1	–	–	–
Sparkling Red	022466	20 – 150	66 – 77	23 – 33	< 1	–	–	–
Blue	035633	10 – 50	45 – 58	42 – 54	< 1	–	–	–
Green	035684	10 – 50	29 – 40	60 – 70	< 1	–	–	–
						Iron Oxides (CI 77492) CAS: 51274-00-1 EINECS: 257-098-5		
Colored pigments								
Scarlet	035675	10 – 50	34 – 50	49 – 61	< 1	–	–	1 – 4
Sapphire	035650	10 – 50	38 – 59	38 – 53	< 1	–	3 – 8	–
Jade	035676	10 – 50	25 – 43	53 – 67	< 1	1 – 2	3 – 5	–
Turquoise	021292	10 – 50	23 – 48	50 – 67	0 – 1	< 2	2 – 7	–
						Iron Oxides (CI 77491) CAS: 1309-37-1 EINECS: 215-168-2	Iron Oxides (CI 77499) CAS: 1317-61-9 EINECS: 215-277-5	
Gold pigments								
Ivory	035649	10 – 50	64 – 79	20 – 30	< 1	1 – 5	–	–
Spring Gold	035674	10 – 50	54 – 69	29 – 39	< 1	2 – 6	–	–
Supernova Gold	021131	10 – 50	32 – 50	46 – 56	< 1	4 – 11	–	–
Earth tone pigments								
Soft Peach	020919	1 – 15	42 – 63	11 – 21	< 1	26 – 36	–	–
Soft Bronze	020917	1 – 15	38 – 48	–	–	52 – 62	–	–
Soft Copper	020918	1 – 15	32 – 42	–	–	58 – 68	–	–
Soft Black	020450	1 – 15	55 – 75	–	–	–	25 – 45	–
Almond	035687	10 – 50	56 – 77	8 – 17	< 1	15 – 26	–	–
Copper	035672	10 – 50	56 – 66	–	–	34 – 44	–	–
Fire-Red	035673	10 – 50	54 – 64	–	–	36 – 46	–	–
Supernova Red	022295	10 – 50	36 – 48	–	1 – 3	51 – 61	–	–
Supernova Orange	024389	10 – 50	55 – 66	–	5 – 7	29 – 39	–	–

Note: For more detailed information please refer to our technical service department

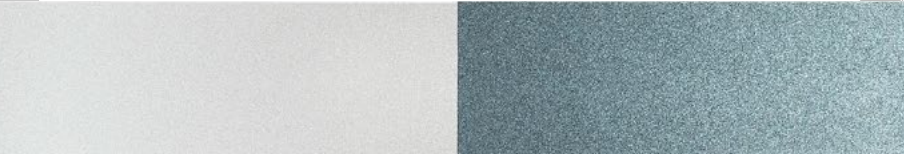
Silver pigments



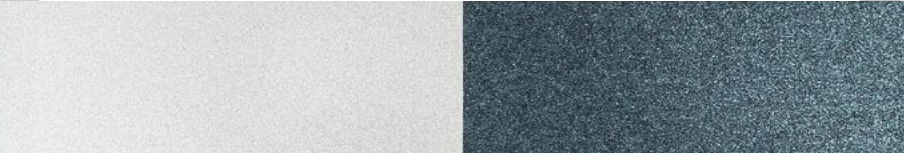
Soft Silver 1 – 15 µm Article No. 035685



Silk Silver 5 – 25 µm Article No. 035651

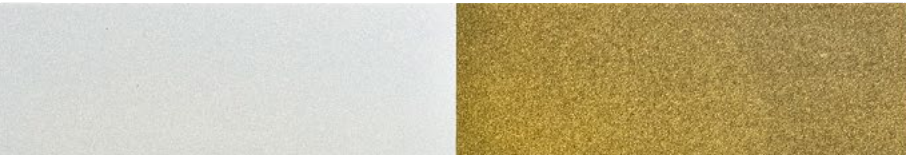


Silver 10 – 50 µm Article No. 035490

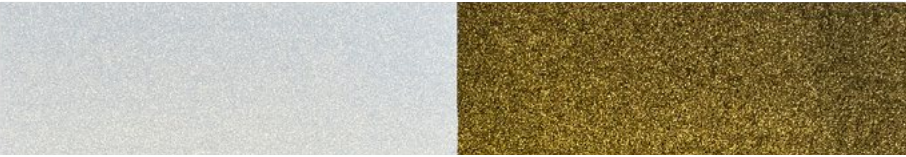


Sparkling Silver 20 – 150 µm Article No. 035491

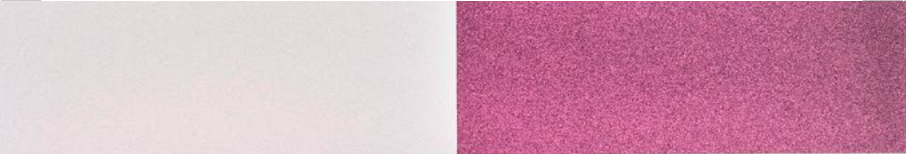
Interference pigments



Gold 10 – 50 µm Article No. 035631



Sparkling Gold 20 – 150 µm Article No. 022465



Red 10 – 50 µm Article No. 035632



Sparkling Red 20 – 150 µm Article No. 022466



Blue 10 – 50 µm Article No. 035633

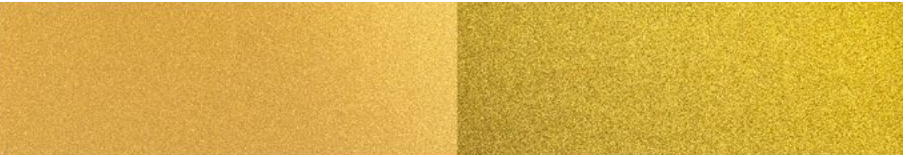


Green 10 – 50 µm Article No. 035684

Gold pigments



Ivory 10 – 50 µm Article No. 035649



Spring Gold 10 – 50 µm Article No. 035674



Supernova Gold 10 – 50 µm Article No. 021131



Synthetic Mica Pigments: SYNCRYSTAL Soft Autumn Gold

SYNCRYSTAL	Article No.					
	Particle Size (microns)		Content (%)		Type	
Gold Pigment	Synthetic Fluorphlogopite		Titanium Dioxide (CI 77891)		Tin Oxide	
	CAS: 12003-38-2		CAS: 13463-67-7		CAS: 18282-10-5	
EINECS: 234-426-5		EINECS: 236-675-5		EINECS: 242-159-0		Iron Oxides (CI 77491)
CAS: 1309-37-1						EINECS: 215-168-2
SYNCRYSTAL Soft Autumn Gold	023534	1 – 15	18 – 36	58 – 68	< 1	6 – 13

Note: For more detailed information please refer to our technical service department



Gold Pigment



Soft Autumn Gold 1 – 15 µm Article No. 023534



Synthetic Mica Pigments: SYNCRYSTAL Rose Opal

Type	SYNCRYSTAL	Article No.	Particle Size (microns)	Content (%)			
				Synthetic Fluorphlogopite	Titanium Dioxide (CI 77891)	Tin Oxide	Iron Oxides (CI 77491)
				CAS: 12003-38-2 EINECS: 234-426-5	CAS: 13463-67-7 EINECS: 236-675-5	CAS: 18282-10-5 EINECS: 242-159-0	CAS: 1309-37-1 EINECS: 215-168-2
Interference Pigment							
SYNCRYSTAL Rose Opal		026617	10 – 50	52 – 67	31 – 41	< 1.0	2 – 6

Note: For more detailed information please refer to our technical service department

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Interference pigments



Rose Opal 10 – 50 µm Article No. 026617