

# COLOUR VISION®

CHROME METALLICS

CV No. 15



HP 7BA3017  
SILVER METALLIC GLOSS



HP 3BA2297  
BROWN METALLIC GLOSS



HP 5BA8837  
LILAC METALLIC GLOSS



HP 4BA5847  
RED METALLIC GLOSS



HP 5BA8847  
VIOLET METALLIC GLOSS



HP 2BA2647  
YELLOW METALLIC GLOSS



HP 6BA6757  
GREEN METALLIC GLOSS



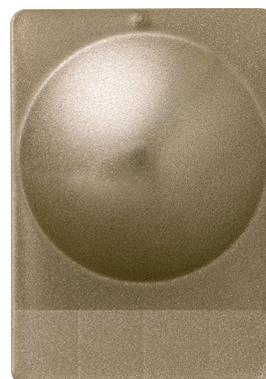
HP 5BA8857  
BLUE METALLIC GLOSS



HP 755957  
NICKEL SILVER



HP 7BA1467  
SILVER GLOSS



PP 7BA2477SG  
GOLD SPARKLE GLOSS



HP 7BA3027  
COPPER GLOSS

Contact Address

Ulf Trabert

Tel.: +49 (0)8375 / 9201-6047

u.trabert@gabriel-chemie.com

www.gabriel-chemie.com

# COLOUR VISION®

## CHROME METALLICS

CV No. 15

Mirror finishes and everything that shimmers has fascinated humans since ancient times and is deeply rooted within us. Whether it's silver, shiny gold, copper-like or coloured metallic shades, the effect and attention they garner is always something special. Chrome Metallics demonstrate quality and many expensive products attest to this at the Point of Sale in an impressive fashion.

To this end, objects are frequently painted, printed and metalized. The effort and cost of doing this is high. Nowadays cost pressure is increasing market demand for mass colouring in plastic in order to save time and money. Chrome design in plastics is still not possible, but modern advancements in special effect pigments allow us to get closer than ever before to the desired effect.

The selected colours in this series feature new metallic impressions in PP transparent which turn plastic objects into genuine eye-catchers with a significant increase in light reflections and surface gloss. The coloured metallic shades in particular showcase this new lustre to full effect.

PRODUCT NUMBER	PRODUCT DESCRIPTION	DOSAGE	LIGHT	TEMP. C°	POLYMER
HP 7BA3017	SILVER METALLIC GLOSS	2%	7-8	300	PP transparent
HP 3BA2297	BROWN METALLIC GLOSS	2%	7	280	PP transparent
HP 5BA8837	LILAC METALLIC GLOSS	2%	7-8	300	PP transparent
HP 4BA5847	RED METALLIC GLOSS	2%	7-8	300	PP transparent
HP 5BA8847	VIOLET METALLIC GLOSS	2%	7-8	300	PP transparent
HP 2BA2647	YELLOW METALLIC GLOSS	5%	6-7	290	PP transparent
HP 6BA6757	GREEN METALLIC GLOSS	2%	7-8	300	PP transparent
HP 5BA8857	BLUE METALLIC GLOSS	2%	7-8	280	PP transparent
HP 755957	NICKEL SILVER	4%	8	300	PP transparent
HP 7BA1467	SILVER GLOSS	8%	7-8	300	PP transparent
PP 7BA2477SG	GOLD SPARKLE GLOSS	8%	7-8	280	PP transparent
HP 7BA3027	COPPER GLOSS	5%	7-8	300	PP transparent

### Physiology

The above mentioned products are approved for the colouring of consumer goods and food packaging. They conform to the purity requirements of the BfR (formerly BgVV). None of the colorants are based on toxic heavy metals or diarylid pigments. Compliance with migration limits can only be determined in the finished, coloured article, as it results from the polymer, colorant and any other additives used, together with the contents.

### Form of Supply

Masterbatch in pellet form, packed in UV stabilised 20/25 kg PE bags, on pallets. MAXITHEN® UV/AO masterbatch has been used for stabilising the packaging material, in order to protect packaging and its contents.

All information in this MAXITHEN® data sheet has been obtained from laboratory tests under ideal and closely controlled conditions. The information should act as a guide only and should not be construed as guaranteeing specific properties or suitability for a particular application. Therefore, trials by the customer using their polymer and their conditions are highly recommended.

# COLOUR VISION®

PLASTIC SCIENCE

CV No. 15



MPA 4BA5857  
RED COOL PLASTIC



MPA 5BA8867  
BLUE COOL PLASTIC



COC 5BA8877  
SOUND OF GLASS



PS 7BA3037  
FROSTED PS



PP 7A7080SCR+HP 9B3127  
SCRATCH RESISTANT



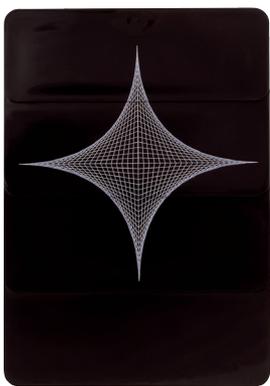
MPP 3BA2397  
THERMOSENSITIVE



PP 5BA9217  
UV SENSITIVE



PP 9BA4217LS  
BEIGE LASERDESIGN



PP 9BA4307LS  
VIOLET LASERDESIGN



PS 5BA8887OB  
BLUE EDGES



MARBLE ORANGE



MARBLE GREEN

Contact Address

Ulf Trabert

Tel.: +49 (0)8375 / 9201-6047

u.trabert@gabriel-chemie.com

www.gabriel-chemie.com

# COLOUR VISION®

PLASTIC SCIENCE

CV No. 15

The science of plastics and related materials is making major advances. Issues such as lightweight construction, carbon, functionality, additional benefits, recycling, sustainability, etc. as well as creative innovations that can be used by consumers are very much in focus. In a time of abundance in many countries the consumer appetite has to be satisfied again and again. Consumer expectations are soaring!

Plastic has become a permanent fixture in our lives and is here to stay. We benefit from it every day. So we ask ourselves: „What additional benefits can we give plastic?“ and „What are the available raw materials that can further enhance the perception of plastic?“ And we wish not only to stimulate people’s senses, we also have used special techniques in plastic processing and finishing that show some very interesting results. The platelets created for this series invite you to take a closer look, to touch them and to listen. Plastic becomes a tactile experience which enhances its value! MARBLE ORANGE and MARBLE GREEN can be considered as new ideas and require technical consultation with us!

PRODUCT NUMBER	PRODUCT DESCRIPTION	DOSAGE	LIGHT	TEMP. C°	POLYMER
MPA 4BA5857	RED COOL PLASTIC		7-8	300	Compound
MPA 5BA8867	BLUE COOL PLASTIC		7-8	300	Compound
COC 5BA8877	SOUND OF GLASS	4%	7-8	280	COC
PS 7BA3037	FROSTED PS	5%	8	300	PS
PP 7A7080SCR+HP 9B3127	SCRATCH RESISTANT	5%+1%	8	300	PP transparent
MPP 3BA2397	THERMOSENSITIVE		8	240	Compound
PP 5BA9217	UV SENSITIVE	5%	8	240	PP transparent
PP 9BA4217LS	BEIGE LASERDESIGN	3%	7	280	PP transparent
PP 9BA4307LS	VIOLET LASERDESIGN	3%	7-8	280	PP transparent
PS 5BA8887OB	BLUE EDGES	2%	3-4	300	PS
	MARBLE ORANGE		3	280	
	MARBLE GREEN		3	280	

## Physiology

The above mentioned products are approved for the colouring of consumer goods and food packaging. They conform to the purity requirements of the BfR (formerly BgVV). None of the colorants are based on toxic heavy metals or diarylid pigments. Compliance with migration limits can only be determined in the finished, coloured article, as it results from the polymer, colorant and any other additives used, together with the contents.

## Form of Supply

Masterbatch in pellet form, packed in UV stabilised 20/25 kg PE bags, on pallets. MAXITHEN® UV/AO masterbatch has been used for stabilising the packaging material, in order to protect packaging and its contents.

All information in this MAXITHEN® data sheet has been obtained from laboratory tests under ideal and closely controlled conditions. The information should act as a guide only and should not be construed as guaranteeing specific properties or suitability for a particular application. Therefore, trials by the customer using their polymer and their conditions are highly recommended.

# COLOUR VISION®

ARTIFICIAL SYMBIOSIS

CV No. 15



HP 2BA2207  
PURE SAND



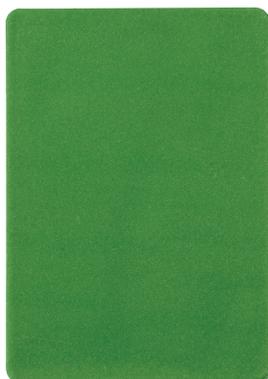
HP 8BA2207  
OCHER SAND



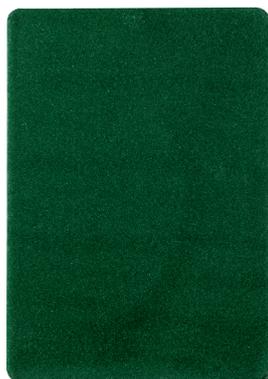
HP 8BA2217  
RED NAMIB DESERT



HP 6BA6797  
CITRUS YELLOW GREEN



HP 6BA6777  
GREEN LEMON SKIN



HP 6BA6787  
DARK GREEN GLINT



HP 8BA2227  
SANDSTONE YELLOW



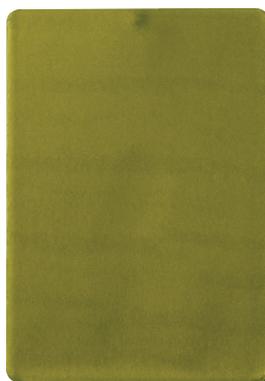
HP 8BA2237  
COFFEE SPARKLE BROWN



HP 8BA2247  
RED BROWN TWINKLE



HP 755977  
BROWN SUGAR



HP 6B3667  
BIONIC GREEN



HP 5K4567  
PETROL BLUE

Contact Address

Ulf Trabert

Tel.: +49 (0)8375 / 9201-6047

u.trabert@gabriel-chemie.com

www.gabriel-chemie.com

# COLOUR VISION®

## ARTIFICIAL SYMBIOSIS

CV No. 15

A symbiosis is a coming together of individuals of two different types that has benefits for both partners. The harmony and constellation that is formed allows them to survive in nature and be unique in the world of artificial creation. Plastic can in its development enter into symbioses between the way materials look and feel as well. Nature, as is all too often the case, serves as a role model. Using special raw materials and technologies, new surface and object designs can be achieved, making plastic more tangible and further enhancing its value.

The platelets shown in this series demonstrate innovative solutions that are connected to tactile perception. Artificial imitations of sand have been made. A soft flowing surface structure presents green and earth tones, as well as new and exciting iridescent colour elaborations, that communicate a new and sentient „understanding“ of plastic surfaces. A symbiosis between interpreting the senses and offering an additional benefit that is noticeable for consumers will determine the success of a product on the market.

PRODUCT NUMBER	PRODUCT DESCRIPTION	DOSAGE	LIGHT	TEMP. C°	POLYMER
HP 2BA2207	PURE SAND	5%	7-8	280	PP transparent
HP 8BA2207	OCHER SAND	5%	7-8	280	PP transparent
HP 8BA2217	RED NAMIB DESERT	5%	7-8	280	PP transparent
HP 6BA6797	CITRUS YELLOW GREEN	4%	7-8	280	PP transparent
HP 6BA6777	GREEN LEMON SKIN	4%	7-8	300	PP transparent
HP 6BA6787	DARK GREEN GLINT	4%	7-8	260	PP transparent
HP 8BA2227	SANDSTONE YELLOW	6%	6-7	280	PP transparent
HP 8BA2237	COFFEE SPARKLE BROWN	6%	7-8	300	PP transparent
HP 8BA2247	RED BROWN TWINKLE	6%	7-8	300	PP transparent
HP 755977	BROWN SUGAR	4%	7-8	300	PP
HP 6B3667	BIONIC GREEN	4%	7	290	PP
HP 5K4567	PETROL BLUE	4%	7-8	300	PP

### Physiology

The above mentioned products are approved for the colouring of consumer goods and food packaging. They conform to the purity requirements of the BfR (formerly BgVV). None of the colorants are based on toxic heavy metals or diarylid pigments. Compliance with migration limits can only be determined in the finished, coloured article, as it results from the polymer, colorant and any other additives used, together with the contents.

### Form of Supply

Masterbatch in pellet form, packed in UV stabilised 20/25 kg PE bags, on pallets. MAXITHEN® UV/AO masterbatch has been used for stabilising the packaging material, in order to protect packaging and its contents.

All information in this MAXITHEN® data sheet has been obtained from laboratory tests under ideal and closely controlled conditions. The information should act as a guide only and should not be construed as guaranteeing specific properties or suitability for a particular application. Therefore, trials by the customer using their polymer and their conditions are highly recommended.