



Colour stains for glazes
Colorantes para esmaltes
Glasurfarbkörper
Coloranti per smalti ceramici

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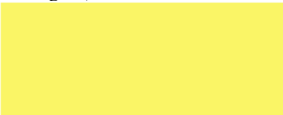
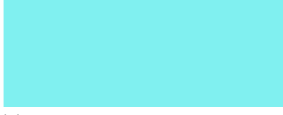
Chemical effect of the glaze components on colour development

PIGMENT	Composition	Firing	K ₂ O	CaO	ZnO	PbO	Al ₂ O ₃	B ₂ O ₃	ZrO ₂	SnO ₂
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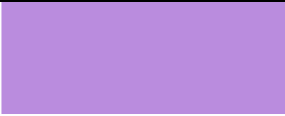
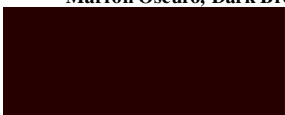
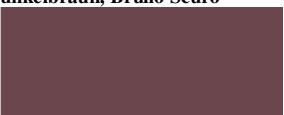


		Up to	Na ₂ O							
Yellow-Orange										
GY 5195	Zr-Si-Pr	1250° C	-	0	0	0	0	0	+	0
GY 5295	Zr-Si-Pr	1250° C	-	0	0	0	0	0	+	0
GY 7354	Zr-Si-Pr	1250° C	-	0	0	0	0	0	+	0
GY 5268	Zr-Si-Pr	1250° C	-	0	0	0	0	0	+	0
GY 5193	Sn-V-Ti	1250° C	0	0	0	0	0	0	0	+
GY 7230	Zr-V	1250° C	0	0	-	+	0	-	+	0
GY 5192	Pb-Sb-Al	1100° C	0	0	+	+	0	0	0	0
GO 5341	Zr-Si-Cd-Se	1250° C	0	0	-	+	0	-	+	0
Rose-Red										
GC 7138	Zr-Si-Fe	1250° C	-	0	-	-	0	-	+	0
GC 5248	Zr-Si-Fe	1250° C	-	0	-	-	0	-	+	0
GC 5270	Zr-Si-Fe	1250° C	-	0	-	-	0	-	+	0
GC 4237	Zr-Si-Fe	1250° C	-	0	-	-	0	-	+	0
GR 5331	Zr-Si-Cd-Se	1250° C	0	0	-	+	0	-	+	0
Turquoise										
GT 5172	Zr-Si-V	1250° C	0	0	0	0	0	0	+	+
GT 5511	Zr-Si-V	1250° C	0	0	0	0	0	0	+	+
Brown										
GB 5280	Cr-Fe-Zn-Al	1250° C	-	0	+	+	+	-	0	0
GB 5260	Cr-Fe-Zn-Al	1250° C	-	0	+	+	+	-	0	0
GB 5202	Cr-Fe-Zn-Al	1250° C	-	0	+	+	+	-	0	0
GB 5201	Cr-Fe-Zn-Al	1250° C	-	0	+	+	+	-	0	0
GB 7085	Cr-Fe-Zn	1250° C	-	0	+	+	+	-	0	0
GB 5244	Cr-Fe-Zn	1250° C	-	0	+	+	+	-	0	0
Pink-Violet										
GP 5259	Sn-Cr	1200° C	0	+	-	+	0	-	0	+
GP 5265	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
GP 5188	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
GP 7182	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
GP 5264	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
GP 5262	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
GP 5263	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
Green										
GG 2959	Cr	1200° C	0	0	-	0	0	0	0	0
GG 5275	Cr-Co	1250° C	0	0	-	0	0	0	0	0
GG 5207	Cr-Co	1250° C	0	0	-	0	0	0	0	0
GG 5257	Cr-Co	1250° C	0	0	-	0	0	0	0	0
Blue										
GL 3755	Co-Al-Zn	1250° C	0	0	+	0	+	0	0	0
GL 2994	Co-Al	1250° C	0	0	+	0	+	0	0	0
GL 7538	Co-Si	1250° C	0	0	+	0	0	0	0	0
GL 3118	Co-Si	1250° C	0	0	+	0	0	0	0	0
Grey										
GV 7726	Zr-Si-Co-Ni	1250° C	0	0	-	-	0	0	+	0
GV 5196	Zr-Si-Co-Ni	1250° C	0	0	-	-	0	0	+	0
GV 5244	Sn-Sb	1250° C	0	0	-	+	0	0	-	+
GV 5179	Sn-Sb	1250° C	0	0	-	+	0	0	-	+
Black										
GK 5271	Cr-Fe-Ni	1250° C	+	+	-	0	-	0	-	-
GK 5276	Cr-Co-Fe-Ni	1250° C	+	+	-	0	-	0	-	-

TRANSPARENT GLAZE	OPAQUE GLAZE	TRANSPARENT GLAZE	OPAQUE GLAZE
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 GY 5195 Zr-Si-Pr Amarillo Sol, Sun Yellow, Sonnengelb, Giallo Sole		 GC 7138 Zr-Si-Fe Rojo Coral, Coral Red, Korallenrot, Rosa Corallo	
 GY 5295 Zr-Si-Pr Amarillo Mimosa, Mimosa Yellow, Mimosengelb, Giallo Mimosa		 GC 5248 Zr-Si-Fe Rosa, Rose, Rosa, Rosa	
 GY 7354 Zr-Si-Pr Amarillo Ginesta, Broom Yellow, Ginster Gelb, Giallo Ginesta		 GC 5270 Zr-Si-Fe Rosa Intenso, Deep Rose, Tiefrosa, Rosa Intenso	
 GY 5268 Zr-Si-Pr Amarillo Intenso, Deep Yellow, Tiefgelb, Giallo Intenso		 GC 7147 Zr-Si-Fe Coral, Coral, Korall, Corallo	
 GY 5193 Sn-V-Ti Amarillo Bambú, Bamboo Yellow, Bambusgelb, Giallo Bambù		 GR 5331 Zr-Si-Cd-Se Rojo Fuego, Fire Red, Feuerrot, Rosso Fuoco	
 GY 7230 Zr-V Amarillo Indio, Indian Yellow, Indischgelb, Giallo Indiano		 GT 5172 Zr-Si-V Azul Turquesa, Turquoise Blue, Türkisblau, Turchese	
 GY 5192 Pb-Sb-Al Naranja amarillento, Yellow Orange, Gelborange, Giallo Arancio		 GT 5511 Zr-Si-V Azul Celeste, Azure Blue, Azurblau, Turchese Intenso	
 GO 5341 Zr-Si-Cd-Se Mandarina, Tangerine, Mandarin, Mandarino			

TRANSPARENT GLAZE	OPAQUE GLAZE	TRANSPARENT GLAZE	OPAQUE GLAZE
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 GB 5280 Cr-Fe-Zn-Al Marrón Otoño, Autumn Brown, Herbstbraun, Bruno Autunno	 GB 5280 Cr-Fe-Zn-Al Marrón Otoño, Autumn Brown, Herbstbraun, Bruno Autunno	 GP 5259 Sn-Cr Violeta, Violet, Violet, Viola	 GP 5259 Sn-Cr Violeta, Violet, Violet, Viola
 GB 5260 Cr-Fe-Zn-Al Caramelo, Toffee Brown, Karamel, Caramello	 GB 5260 Cr-Fe-Zn-Al Caramelo, Toffee Brown, Karamel, Caramello	 GP 5265 Sn-Ca-Si-Cr Pink, Pink, Pink, Pink	 GP 5265 Sn-Ca-Si-Cr Pink, Pink, Pink, Pink
 GB 5202 Cr-Fe-Zn-Al Marrón Almendra, Almond Brown, Mandelbraun, Bruno Mandorla	 GB 5202 Cr-Fe-Zn-Al Marrón Almendra, Almond Brown, Mandelbraun, Bruno Mandorla	 GP 5188 Sn-Ca-Si-Cr Púrpura, Purple, Purpur, Porpora	 GP 5188 Sn-Ca-Si-Cr Púrpura, Purple, Purpur, Porpora
 GB 5201 Cr-Fe-Zn-Al Marrón Canela, Cinnamon Brown, Zimtbraun, Marron Cannella	 GB 5201 Cr-Fe-Zn-Al Marrón Canela, Cinnamon Brown, Zimtbraun, Marron Cannella	 GP 7182 Sn-Ca-Si-Cr Rubí, Ruby, Rubin, Rubino	 GP 7182 Sn-Ca-Si-Cr Rubí, Ruby, Rubin, Rubino
 GB 7085 Cr-Fe-Zn Marrón Oscuro, Dark Brown, Dunkelbraun, Bruno Scuro	 GB 7085 Cr-Fe-Zn Marrón Oscuro, Dark Brown, Dunkelbraun, Bruno Scuro	 GP 5262 Sn-Ca-Si-Cr Burgundy, Burgundy, Burgundy, Burgundy	 GP 5262 Sn-Ca-Si-Cr Burgundy, Burgundy, Burgundy, Burgundy
 GB 5244 Cr-Fe-Zn Cuba, Cuba, Cuba, Cuba	 GB 5244 Cr-Fe-Zn Cuba, Cuba, Cuba, Cuba	 GP 5264 Sn-Ca-Si-Cr Rojo Cereza, Cherry Red, Kirschrot, Rosso Ciliegia	 GP 5264 Sn-Ca-Si-Cr Rojo Cereza, Cherry Red, Kirschrot, Rosso Ciliegia
		 GP 5263 Sn-Ca-Si-Cr Rojo Burdeos, Bordeaux Red, Bordeauxrot, Rosso Bordeaux	 GP 5263 Sn-Ca-Si-Cr Rojo Burdeos, Bordeaux Red, Bordeauxrot, Rosso Bordeaux

TRANSPARENT GLAZE	OPAQUE GLAZE	TRANSPARENT GLAZE	OPAQUE GLAZE
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 GG 2959 Cr Verde Oliva, Olive Green, Olivgrün, Verde Oliva	 GV 7726 Zr-Si-Co-Ni Gris Neutro, Neutral Grey, Neutralgrau, Grigio Neutro
 GG 5275 Cr-Co Verde Esmeralda, Emerald Green, Smaragdgrün, Verde Smeraldo	 GV 5196 Zr-Si-Co-Ni Gris Pizarra, Slate Grey, Schiefergrau, Grigio Ardesia
 GG 5207 Cr-Co Verde Botella, Bottle Green, Flaschengrün, Verde Bottiglia	 GV 5244 Sn-Sb Gris Palomo, Pigeon Grey, Taubengrau, Grigio Piccione
 GG 5257 Cr-Co Verde Azulado, Blue Green, Blaugrün, Verde Azzurrato	 GV 5179 Sn-Sb Gris Ceniza, Ash Grey, Aschgrau, Grigio Cenere
 GL 3755 Co-Al-Zn Azul Mate, Matt Blue, Mattblau, Blu Matt	 GK 5271 Cr-Fe-Ni Ébano, Ebony, Ebenholz, Ebano
 GL 2994 Co-Al Azul Cobalto, Cobalt Blue, Kobaltblau, Blu Cobalto	 GK 5276 Cr-Co-Fe-Ni Negro Intenso, Deep Black, Tiefschwarz, Nero Intenso
 GL 7538 Co-Si Azul Cosmos, Cosmos Blue, Kosmosblau, Blu Cosmo	
 GL 3118 Co-Si Azul Real, Royal Blue, Königsblau, Blu Reale	