Single Pigment Concentrates

One pigment per grade, at high loading, for masterbatch and compound producers

Each grade carries **a single pigment**, fully dispersed in a polymer carrier on twin-screw extruders with vacuum degassing. Dust-free granules replace powder pigments, so shades can be built and corrected in-house with clean, accurate dosing.

Range

Pigment	Chemistry	Max	°C	Light	Weather
YELLOW					
Yellow 13	Diarylide	**40%**	200	5-6	1-2
Yellow 17	Diarylide	**40%**	200	5-6	1-2
Yellow 83	Diarylide	**40%**	200	6	3
Yellow 93	Disazo condensation	**40%**	280	7	4
Yellow 110	Isoindolinone	**40%**	290	7-8	4-5
Yellow 151	Benzimidazolone	**40%**	260	7-8	4
Yellow 155	Disazo	**40%**	260	7-8	3-4
Yellow 168	Monoazo lake	**40%**	260	7	3
Yellow 183	Monoazo lake	**40%**	280	7-8	3-4
Yellow 191	Monoazo lake	**40%**	300	7-8	3-4
Yellow 34 *	Lead chromate	**70%**	260	8	4
ORANGE					
Orange 13	Disazo pyrazolone	**40%**	200	4-5	1
Orange 34	Disazo pyrazolone	**40%**	220	7	2
Orange 64	Benzimidazolone	**40%**	280	7	4
GREEN					
Green 7	Phthalocyanine (Cl)	**40%**	300	8	5

Pigment	Chemistry	Max	°C	Light	Weather
RED					
Red 48:2	Monoazo lake (Ca)	**40%**	260	6	2
Red 48:3	Monoazo lake (Sr)	**40%**	260	5	2
Red 53:1	Monoazo lake (Ba)	**40%**	220	5	1
Red 57:1	Monoazo lake (Ca)	**40%**	220	5	1-2
Red 122	Quinacridone	**40%**	290	7	4-5
Red 170	Naphthol AS	**40%**	270	7	3
Red 254	DPP	**40%**	290	8	4-5
Red 104 *	Lead molybdate	**70%**	280	7-8	4
VIOLET					
Violet 19	Quinacridone	**40%**	300	8	4-5
Violet 23	Dioxazine	**25%**	250	7	4
BLUE					
Blue 15:1	Phthalocyanine α	**40%**	260	7	5
Blue 15:3	Phthalocyanine β	**40%**	260	7	5
Blue 15:4	Phthalocyanine β	**40%**	260	7	5
Blue 29	Ultramarine	**60%**	300	8	4
BLACK AND WHITE					
Black 11	Iron oxide	**60%**	220	8	5
Black 7	Carbon black	**40%**	300	8	5
White 6	Titanium dioxide	**70%**	300	8	5

Concentrations shown are the maximum; any lower concentration is available. Pigment names are Colour Index (C.I.) names. °C is heat resistance, Light is lightfastness (blue wool scale, 8 = best) and Weather is weather fastness (grey scale, 5 = best). All are values for the pigment in polyolefins and depend on the pigment grade, concentration and polymer.
* Contains lead and chromium: not for food contact or toys, and restricted in some markets. Check local regulations.

Use

Carrier	LLDPE as standard. PP and other carriers on request.
Form	Dust-free granules
Applications	Colour masterbatch, compounds and in-house shade matching
Packaging	25 kg bags

Typical values, not specifications. Users must test the product in their own application. No warranty or liability is accepted. Subject to change without notice.