



## Coating Effects

A summary of the suitability of each pigment for the most important polymers is provided below:

Pigment	C.I. Name	Edition	Polyolefins	PVC-p	PVC-r	PS	ABS	PC	PET	PMMA	PA6	POM	Rubber**	PUR
Ciba® IRGACOLOR® Yellow 2GLMA	PY 184	pl-19/2007	● <sup>NW</sup>	○	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	○	○
Ciba® IRGACOLOR® Yellow 2GTM	PY 184	pl-19/2007	● <sup>NW</sup>	⊗	⊗	●	●	●	●	●	●	⊗	⊗	⊗
Ciba® CROMOPHTAL® Yellow 8GNP	PY 128	pl-19/2007	● <sup>NW</sup>	●	●	○	○	⊗	⊗	⊗	⊗	●	●	●
Ciba® IRGAZIN® Yellow 2GLTE	PY 109	pl-19/2007	●	○	○	●	○	○	○	⊗	○	○	●	○
Ciba® IRGALITE® Yellow WGP	PY 168	pl-19/2007	● <sup>NW</sup>	●	●	○	○	⊗	⊗	⊗	⊗	⊗	●	○
Ciba® CROMOPHTAL® Yellow 3GNP	PY 93	pl-19/2007	● <sup>NW</sup>	●	●	●	○	⊗	⊗	○	⊗	●	●	●
Ciba® CROMOPHTAL® Yellow 2GF	PY 155	pl-19/2007	● <sup>LW</sup>	●	●	●	⊗	⊗	⊗	⊗	⊗	○	●	●
Ciba® CROMOPHTAL® Yellow 4GV	PY 215	pl-19/2007	● <sup>LW</sup>	○	○	●	●	⊗	⊗	⊗	●	●	○	○
Ciba® IRGALITE® Yellow WSR	PY 62	pl-19/2007	● <sup>LW</sup>	●	●	○	○	⊗	⊗	⊗	⊗	⊗	●	○
Ciba® IRGALITE® Yellow BAWP*	PY 13	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® CROMOPHTAL® Yellow GRP	PY 95	pl-19/2007	● <sup>NW</sup>	●	●	●	○	⊗	⊗	○	⊗	●	●	●
Ciba® CROMOPHTAL® Yellow GT-AD	PY 199	pl-19/2007	● <sup>NW</sup>	⊗	⊗	●	○	○	○	○	⊗	⊗	●	⊗
Ciba® CROMOPHTAL® Yellow HSPA	PY 191:1	pl-19/2007	● <sup>NW</sup>	●	●	●	●	○	○	●	●	⊗	●	○
Ciba® IRGALITE® Yellow B3RN*	PY 83	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® CROMOPHTAL® Yellow 2RF	PY 139	pl-19/2007	○ <sup>LW</sup>	●	●	⊗	⊗	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Yellow 2RLP	PY 110	pl-19/2007	●	●	○	●	●	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Yellow 2RLTS	PY 110	pl-19/2007	○	●	●	○	○	⊗	⊗	⊗	⊗	●	●	○
Ciba® CROMOPHTAL® Yellow 3RLP	PY 110	pl-19/2007	●	●	●	●	●	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Orange 2G	PO 61	pl-19/2007	●	●	●	●	○	⊗	⊗	○	⊗	●	●	●
Ciba® CROMOPHTAL® DPP Orange TRP	PO 71	pl-19/2007	● <sup>LW</sup>	●	○	●	○	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Orange GP	PO 64	pl-19/2007	● <sup>LW</sup>	●	●	●	●	○	⊗	○	⊗	●	●	●
Ciba® IRGALITE® Orange F2G*	PO 34	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® IRGAZIN® DPP Orange RA	PO 73	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Brown 5R	PBr 23	pl-19/2007	○	●	●	○	○	⊗	⊗	○	⊗	●	●	●
Ciba® CROMOPHTAL® Scarlet RN	PR 166	pl-19/2007	●	●	●	●	○	⊗	⊗	○	⊗	●	●	●

● Recommended

○ Potential use (restrictions may apply)

⊗ Not recommended

●<sup>LW</sup>, ●<sup>NW</sup> Low, Non warping in HDPE

\* Diarylide pigments may decompose at temperature above 200°C.

\*\* Based on results in press vulcanisation process.

Pigment	C.I. Name	Edition	Polyolefins	PVC-p	PVC-r	PS	ABS	PC	PET	PMMA	PA6	POM	Rubber**	PUR
Ciba® IRGALITE® Red LCB	PR 53:1	pl-19/2007	● <sup>LW</sup>	●	●	●	○	⊗	⊗	●	⊗	⊗	●	○
Ciba® CROMOPHTAL® DPP Red TFP	PR 283	pl-19/2007	● <sup>NW</sup>	●	●	○	○	⊗	⊗	⊗	⊗	●	●	○
Ciba® CROMOPHTAL® DPP Flame Red FP	PR 272	pl-19/2007	● <sup>LW</sup>	●	●	○	⊗	⊗	⊗	⊗	⊗	●	●	●
Ciba® IRGALITE® Red 2BY	PR 48:3	pl-19/2007	●	●	○	○	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® CROMOPHTAL® Red G	PR 220	pl-19/2007	● <sup>NW</sup>	○	○	●	○	⊗	⊗	⊗	○	●	○	○
Ciba® CROMOPHTAL® DPP Red BOC	PR 254	pl-19/2007	● <sup>LW</sup>	○	○	●	○	⊗	⊗	○	○	●	●	⊗
Ciba® IRGAZIN® DPP Red BO			●	●	●	●	○	⊗	⊗	⊗	⊗	●	●	○
Ciba® CROMOPHTAL® Red 2030	PR 254	pl-19/2007	●	●	●	●	○	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Red 2028	PR 254	pl-19/2007	● <sup>NW</sup>	●	●	●	○	⊗	⊗	⊗	⊗	●	●	○
Ciba® IRGAZIN® DPP Red BTR	PR 254	pl-19/2007	● <sup>LW</sup>	●	●	⊗	⊗	⊗	⊗	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Red BRNP	PR 144	pl-19/2007	●	●	○	●	●	○	○	○	⊗	●	●	○
Ciba® CROMOPHTAL® Red BNFP	PR 214	pl-19/2007	●	●	○	●	●	○	●	●	⊗	●	●	○
Ciba® IRGALITE® Red 2BSP	PR 48:3	pl-19/2007	● <sup>LW</sup>	●	○	○	○	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® IRGAZIN® DPP Rubine TR	PR 264	pl-19/2007	● <sup>NW</sup>	●	●	○	●	⊗	○	⊗	○	●	●	●
Ciba® CROMOPHTAL® Red A3B	PR 177	pl-19/2007	● <sup>NW</sup>	●	●	○	○	○	○	⊗	○	●	●	○
Ciba® CROMOPHTAL® Red 2B	PR 221	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® IRGALITE® Red 2BP	PR 48:2	pl-19/2007	● <sup>LW</sup>	●	○	○	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® CROMOPHTAL® Red 2020	PV 19	pl-19/2007	● <sup>LW</sup>	●	●	●	●	⊗	○	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Red TBR	PV 19	pl-19/2007	● <sup>LW</sup>	●	●	●	○	⊗	⊗	⊗	⊗	●	●	●
Ciba® IRGALITE® Rubine 4BP	PR 57:1	pl-19/2007	● <sup>LW</sup>	●	○	○	⊗	⊗	⊗	⊗	⊗	⊗	●	●
Ciba® CINQUASIA® Red B RT-195-D	-	pl-19/2007	● <sup>LW</sup>	●	●	●	○	⊗	○	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Rubine 4N	PR 202	pl-19/2007	● <sup>LW</sup>	●	●	●	●	●	●	●	●	●	●	○
Ciba® CROMOPHTAL® Magenta P	PR 202	pl-19/2007	● <sup>LW</sup>	●	●	●	●	⊗	●	○	●	●	●	●
Ciba® CROMOPHTAL® Pink PT	PR 122	pl-19/2007	● <sup>LW</sup>	●	●	●	●	⊗	○	○	⊗	●	●	●
Ciba® CROMOPHTAL® Violet RP	PV 19	pl-19/2007	● <sup>LW</sup>	●	●	●	○	⊗	○	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Violet B	PV 37	pl-19/2007	● <sup>LW</sup>	●	●	●	⊗	⊗	○	⊗	⊗	●	●	●
Ciba® CROMOPHTAL® Violet GT	PV 23	pl-19/2007	○ <sup>LW</sup>	●	○	○	⊗	○	○	⊗	○	●	●	●
Ciba® CROMOPHTAL® Blue A3R	PB 60	pl-19/2007	●	●	●	●	○	○	●	○	○	●	●	●
Ciba® IRGALITE® Blue BLPO	PB 15	pl-19/2007	○	●	●	⊗	⊗	⊗	⊗	⊗	⊗	⊗	●	○
Ciba® CROMOPHTAL® Blue BCF	PB 15:1	pl-19/2007	●	○	○	○	○	○	●	○	●	●	●	●
Ciba® CROMOPHTAL® Blue BCN	PB 15:1	pl-19/2007	●	●	●	●	●	●	●	●	●	●	●	○
Ciba® CROMOPHTAL® Blue 4GNP	PB 15:3	pl-19/2007	●	●	●	●	○	●	●	○	●	●	●	○
Ciba® IRGALITE® Blue GBP	PB 15:3	pl-19/2007	●	●	●	●	●	●	●	●	●	●	●	●
Ciba® IRGALITE® Green GFNP	PG 7	pl-19/2007	●	●	●	●	●	●	○	●	○	●	●	●

● Recommended

○ Potential use (restrictions may apply)

⊗ Not recommended

●<sup>LW</sup>, ●<sup>NW</sup> Low, Non warping in HDPE

\* Diarilide pigments may decompose at temperature above 200°C.

\*\* Based on results in press vulcanisation process.

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