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Irgazin® Red K 3840 SQ

(Cromophtal® Red 1030-P)

Chemical type

Diketo-pyrrolo-pyrrole

CI-No.

Pigment Red 254

General

Economical opaque mid shade red with good all-round properties

Applications

PE	+	PP	+	PVC	+
ABS	+○	PA	○	PC	○
PET	○	PMMA	○	POM	+
PS	+	Rubber	+		

+ = recommended +○ = potential use ○ = not suitable
Without information = not tested in this polymer

Resistance properties

HD-PE

Color strength (1/3 ISD)	1 % TiO ₂	0.16 %
Heat resistance	0.1 %	300 °C
Limit GS 4	0.1 % + 1 % TiO ₂	300 °C
Light fastness	0.1 % 0.1 % + 1 % TiO ₂	BWS note 8 BWS note 8
Migration	0.1 % against f-PVC	GS note 5
Weather resistance 3000 h Ciba WOM 119	0.1 % 0.1 % + 1 % TiO ₂	GS note 4 GS note 2
Warping	0.1 %	High

PVC

Color strength (1/3 ISD)	In f-PVC at 2 % TiO ₂	0.30 %
Heat resistance at 180 °C/30 min	0.1 % 0.2 % + 2 % TiO ₂	GS note 5 GS note 5
Light fastness	0.1 % 0.2 % + 2 % TiO ₂	BWS note 8 BWS note 8
Migration	0.1 % against f-PVC	GS note 5
Weather resistance 2000 h Ciba WOM 119	0.1 % 0.2 % + 2 % TiO ₂	GS note 5 GS note 3-4

Note

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