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# Paliotol® Yellow K 1420 SQ

(Irgalite® Yellow WSR-Q)

**Chemical type**

Azo Salt (Ca)

**CI-No.**

Pigment Yellow 62

**General**

Versatile and cost effective industry workhorse with good light fastness

**Applications**

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

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

**Recommended concentration**

Depending on application

**Resistance properties**

<b>HD-PE</b>		
<b>Color strength (1/3 ISD)</b>	In PP at 1 % TiO <sub>2</sub>	0.35 %
<b>Heat resistance</b>	0.1 %	250 °C
Limit GS 4	0.1 % + 1 % TiO <sub>2</sub>	260 °C
<b>Light fastness</b>	0.1 %	BWS note 7
	0.1 % + 1 % TiO <sub>2</sub>	BWS note 7
<b>Migration</b>	0.1 % against f-PVC	GS note 4–5
<b>Weather resistance</b>	0.1 %	GS note <3
3000 h Ciba WOM 119	0.1 % + 1 % TiO <sub>2</sub>	GS note <3
<b>Warping</b>	0.1 %	low

**PVC**

<b>Color strength (1/3 ISD)</b>	In f-PVC at 2 % TiO <sub>2</sub>	0.33 %
<b>Heat resistance</b> at 180 °C/30 min	0.1 % 0.2 % + 2 % TiO <sub>2</sub>	GS note 5 GS note 5
<b>Light fastness</b>	0.1 % 0.2 % + 2 % TiO <sub>2</sub>	BWS note 7 BWS note 6–7
<b>Migration</b>	0.1 % against f-PVC	GS note 4–5
<b>Weather resistance</b> 2000 h Ciba WOM 119	0.1 % 0.2 % + 2 % TiO <sub>2</sub>	GS note 3–4 GS note <3

**Additional notes**

Paliotol Yellow K 1420 SQ is not recommended for sensitive applications

**Note**

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