



Product Data Sheet

Ralston Alkyd Colourants

ALK 20-30 series

Ralston Colour & Coatings B.V.

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Description

Colourants (aromatic free) for solvent-based architectural alkyd paints.

Overview

Name	Colour	Semi-mass Tone	Pigment index	Pigment content of colorant (%) *	Density (KG/L)	Light fastness of pigment (BlueWool scale 1-8) ** (1=very poor, 8=excellent)		Weather fastness of pigment (ISO grey scale 1-5) ** (1=severe change, 5=no change)	
						Full shade (Pure)	Reduction (1/25)	Full shade (Pure)	Reduction (1/25)
ALK20	White		PW6	60	1,72	8	8	5	5
ALK21	Organic Yellow		PY74	25	1,03	7-8	6-7	4-5	3
ALK22	Organic Orange		PO5	30	1,05	7	5	3-4	2
ALK23	Organic Red		PR112	25	1,00	7-8	6	4-5	3
ALK24	Organic Violet		PV19	15	0,99	7-8	8	5	4-5
ALK241	Blue Violet		PV23	10	0,97	8	7-8	4-5	4
ALK25	Phtalic Blue		PB15:3	15	1,03	8	8	5	5
ALK26	Phtalic Green		PG7	20	1,06	8	8	5	5
ALK261	Oxide Green		PG17	40	1,38	8	8	5	5
ALK27	Oxide Yellow		PY42	45	1,38	8	8	5	5
ALK28	Oxide Red		PR101	35	1,32	8	8	5	5
ALK30	Black		PBk7	10	0,98	8	8	5	5

* Delivery specifications are based on colour strength on volume. Therefore pigment contents mentioned are indicative.

** All data according to pigment suppliers; variation not only due to pigment chemistry but also exposure conditions, substrate and coating influences fastness. The values should be used as guidelines, testing is recommended.

Application

Ralston Alkyd colourants are recommended for tinting of solvent-based alkyd enamels, In-Plant or Point of Sales (POS) tinting systems. Even if high amounts (up to 25%) of these colourants are used, minimal impact on paint properties are determined, like gloss, pot life, viscosity sagging and drying time.

Instructions for use

The colourants are ready for use and may not be diluted when used in the tinting system.
Shake well before use.





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Ralston Alkyd Colourants (continued)

Characteristics

Viscosity at 20°C (Stormer)	:	dependent on colorant: 90 – 100 KU
Fineness	:	< 15 µm
Colour strength	:	based on volume with a tolerance < 3%
Shelf life	:	24 months
Storage	:	in unopened, original package at a cool (5-35°C), dry and frost-proof area
Compatibility	:	the colourants are compatible with many architectural paints. However, it is recommended to test the compatibility.
Can be used for	:	<ul style="list-style-type: none"> • Solvent based long oil alkyds • Solvent based short / medium oil alkyds • Solvent based silicon alkyds • High Solids • Linseed oil • Solvent based Primers (Epoxy-ester and Alkyds) • Solvent based Roof coats • Solvent based Industrial 1K • Vinyl coatings (limited) • Chlorinated Rubber

Modular System

Selection depending on machine configuration (available canisters), required colour range, application and costs

Name	Colour	Semi-mass Tone	Deco Basic (ALK10)	Deco Standard (ALK12)
ALK20	White		X	X
ALK21	Organic Yellow		X	X
ALK22	Organic Orange		X	X
ALK23	Organic Red		X	X
ALK24	Organic Violet		X	X
ALK241	Blue Violet			X
ALK25	Phtalic Blue		X	X
ALK26	Phtalic Green		X	X
ALK261	Oxide Green			X
ALK27	Oxide Yellow		X	X
ALK28	Oxide Red		X	X
ALK30	Black		X	X

