

# Pigment Preparation

## PIGMARAMA® PIGMAPERSE®



Indoor and outdoor paints

Printing Inks

Paper

Latex

Woodstains

Artist Paints

Soap and Sponge



# KEMITEKS

POLYMER EMULSIONS & PIGMENT DISPERSIONS





















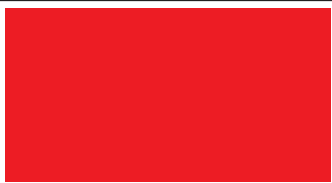

Pigment Preparation

**PIGMARAMA<sup>®</sup> AD**  
**PIGMARAMA<sup>®</sup> PI**  
**PIGMAPERSE<sup>®</sup>**






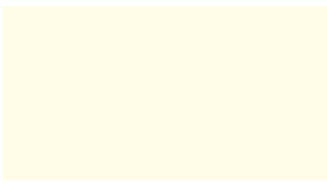











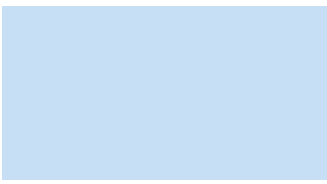


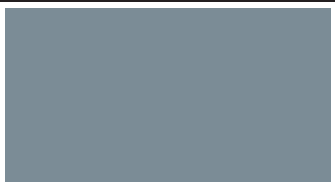
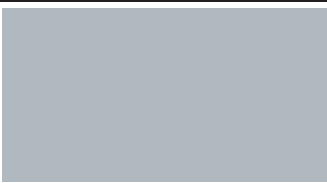
**KEMİTEKS**

# PIGMARAMA® AD

COLOUR INDEX		FULL SHADE	TINT SHADE	APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g/cm <sup>3</sup> )	LIGHT		WEATHER FASTNESS		RESISTANCE TO	
						FULL SHADE	TINT SHADE	FULL SHADE	TINT SHADE	ACID	ALKALI
P.Y.3	<b>YELLOW</b> 10 G			45	1,26	7	7	4-5	4	5	5
P.Y.155	<b>YELLOW</b> DK			40	1,20	8	7-8	5	4-5	5	5
P.Y.74	<b>YELLOW</b> 5G			50	1,16	7	7	4	4	3	4-5
P.Y.154	<b>YELLOW</b> F3G			40	1,13	8	8	5	5	5	5
P.Y.13	<b>YELLOW</b> GR			40	1,13	7	6-7	4	3-4	5	5
P.Y.153	<b>YELLOW</b> L			40	1,20	8	7-8	5	4-5	5	5
P.Y.83	<b>YELLOW</b> 3R			35	1,13	7	7	4	3	4-5	4-5
P.O.5	<b>ORANGE</b> 2R			45	1,15	7	6	4	3	4	4
P.R.2	<b>RED</b> B			40	1,15	6-7	7	4	4	5	4
P.R.112	<b>RED</b> FG			50	1,16	6-7	6-7	3-4	3	4-5	4

# PIGMARAMA® AD

COLOUR INDEX		FULL SHADE	TINT SHADE	APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g /cm3)	LIGHT		WEATHER FASTNESS		RESISTANCE TO	
						FULL SHADE	TINT SHADE	FULL SHADE	TINT SHADE	ACID	ALKALI
P.R.254	<b>RED</b> PR			30	1,10	8	7-8	5	4-5	5	5
P.R.170	<b>RED</b> GC			36	1,12	7	6-7	4	4	5	5
P.R.146	<b>RED</b> FB			40	1,15	6-7	6	3	2	4-5	4-5
P.R.122	<b>PINK</b> E			30	1,10	7	8	4	4-5	5	5
P.V.23	<b>VIOLET</b> RL			22	1,13	8	8	4-5	4	5	5
P.V.23	<b>VIOLET</b> R			30	1,15	8	8	4-5	4	5	5
P.B.15	<b>BLUE</b> BR			45	1,26	8	8	4-5	4-5	5	5
P.B.15:3	<b>BLUE</b> BG			50	1,26	8	8	4-5	4-5	5	5
P.G.7	<b>GREEN</b> GY			55	1,39	7-8	7-8	4-5	4-5	5	5
P.BL.7	<b>BLACK</b> CB			40	1,19	8	8	5	5	5	5

<b>PIGMARAMA® AD</b>				APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g /cm3)	LIGHT		WEATHER FASTNESS		RESISTANCE TO	
COLOUR INDEX		FULL SHADE	TINT SHADE			FULL SHADE	TINT SHADE	FULL SHADE	TINT SHADE	ACID	ALKALI
P.Y.184	<b>OXIDE YELLOW</b> FB			60	2,25	8	8	5	5	5	5
P.Y.53	<b>OXIDE YELLOW</b> NT			75	2,24	8	8	5	5	5	5
P.Y.42	<b>OXIDE YELLOW</b> CT			65	2,10	8	8	5	5	5	5
P.Y.42	<b>OXIDE YELLOW</b> D			65	2,10	8	8	5	5	5	5
P.R.101	<b>OXIDE RED</b> G			65	2,20	7-8	7-8	4-5	4-5	5	5
P.R.101	<b>OXIDE RED</b> B			70	2,50	7-8	7-8	4-5	4-5	5	5
P.B.28	<b>OXIDE BLUE</b> CO			60	1,90	7-8	7-8	4-5	4-5	5	5
P.B.29	<b>ULTRAMARIN BLUE</b> 4B			55	2,10	7-8	7-8	4-5	4-5	5	4
P.G.17	<b>OXIDE GREEN</b> G			75	2,60	8	8	5	5	5	5
P.BL.11	<b>OXIDE BLACK</b> B			55	1,75	7-8	7-8	4-5	4-5	5	5

<b>PIGMARAMA® PI</b>				APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g /cm <sup>3</sup> )	LIGHT		WEATHER FASTNESS		RESISTANCE TO	
COLOUR INDEX		FULL SHADE	TINT SHADE			FULL SHADE	TINT SHADE	FULL SHADE	TINT SHADE	ACID	ALKALI
P.Y.13	<b>YELLOW</b> GR-PI			40	1,13	7	6-7	4	3-4	5	5
P.O.34	<b>ORANGE</b> RL-PI			45	1,15	5	6	1	1	4-5	4-5
P.R.2	<b>RED</b> B-PI			40	1,15	6-7	7	4	4	5	4
P.R.48:1	<b>RED</b> 2B-PI			45	1,30	3	4	3	2	5	4
P.R.57:1	<b>RED</b> 4B-PI			35	1,15	4	5	3	4	3	3
P.V.23	<b>VIOLET</b> R-PI			30	1,15	8	8	4-5	4	5	5
P.B.15:1	<b>BLUE</b> BR-PI			45	1,26	8	8	4-5	4-5	5	5
P.B.15:3	<b>BLUE</b> BG-PI			50	1,26	8	8	4-5	4-5	5	5
P.G.7	<b>GREEN</b> GY-PI			55	1,39	7-8	7-8	4-5	4-5	5	5
P.BL.7	<b>BLACK</b> CB-PI			40	1,19	8	8	5	5	5	5

# PIGMAPERSE®

COLOUR INDEX		FULL SHADE	TINT SHADE	APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g /cm <sup>3</sup> )	LIGHT FASTNESS	WEATHERING FASTNESS	HEAT STABILITY °C	FASTNESS TO SOLVENTS AND REAGENTS			
									ACID	BUTANOL	BUTYL ACETATE	XYLENE
									ALKALI	BUTYL GLYCOL	MEK	WHITE SPRIT
P.Y.74	<b>YELLOW</b> 5G-U			40	1,40	7	3-4	140	5	3-4	3	2-3
									4-5	3-4	3	4
P.Y.13	<b>YELLOW</b> GR-U			35	1,13	4-5	3-4	150	5	4	4	2-3
									5	4	4	5
P.Y.83	<b>YELLOW</b> 3R-U			35	1,13	6-7	3-4	200	5	4-5	3-4	3-4
									5	4-5	3-4	5
P.Y.42	<b>YELLOW</b> D-U			50	1,80	7-8	4-5	140	4-5	4-5	4-5	4-5
									4-5	4-5	4-5	5
P.Y.42	<b>YELLOW</b> CT-U			50	1,81	7-8	4-5	140	4-5	4-5	4-5	4-5
									4-5	4-5	4-5	5
P.O.13	<b>ORANGE</b> GL-U			36	1,12	7	4-5	140	4-5	3	3	2-3
									4-5	3	3	3
P.O.5	<b>ORANGE</b> 2R-U			45	1,15	6-7	3-4	150	5	2-3	2-3	2
									3-4	2-3	2-3	3
P.R.254	<b>RED</b> PR-U			40	1,14	6-7	3-4	160	5	4-5	4-5	4-5
									5	4-5	4	5
P.R.112	<b>RED</b> FG-U			45	1,08	6-7	3-4	180	5	3-4	2-3	2-3
									4	3	2-3	4
P.R.170	<b>RED</b> GC-U			40	1,16	6-7	3-4	160	5	4-5	4-5	4-5
									5	4-5	4	5

# PIGMAPERSE®

COLOUR INDEX		FULL SHADE	TINT SHADE	APPROX. PIGMENT CONTENT (%)	SPECIFIC GRAVITY (g /cm <sup>3</sup> )	LIGHT FASTNESS	WEATHERING FASTNESS	HEAT STABILITY °C	FASTNESS TO SOLVENTS AND REAGENTS			
									ACID	BUTANOL	BUTYL ACETATE	XYLENE
									ALKALI	BUTYL GLYCOL	MEK	WHITE SPRIT
P.R.122	<b>PINK</b> E-U			30	1,07	7-8	4	150	5	5	4-5	5
									5	4-5	4-5	5
P.V.23	<b>VIOLET</b> R-U			30	1,08	7-8	4-5	160	5	4	4-5	4
									5	4-5	4	5
P.B.15	<b>BLUE</b> B2R-U			40	1,20	7-8	4-5	180	4-5	4-5	4-5	4-5
									5	4-5	5	5
P.B.15:3	<b>BLUE</b> B3G-U			45	1,20	7-8	4-5	200	5	5	5	5
									5	4-5	5	5
P.B.15:4	<b>BLUE</b> B4G-U			35	1,18	7-8	4-5	200	5	5	5	5
									5	4-5	5	5
P.G.7	<b>GREEN</b> GY-U			55	1,38	7-8	4-5	200	5	5	5	5
									5	4-5	5	5
P.G.7	<b>GREEN</b> GL-U			40	1,21	7-8	4-5	200	5	4-5	4-5	4-5
									5	4-5	5	5
P.R.101	<b>RED</b> G-U			50	1,85	7-8	4-5	200	4-5	4-5	4-5	4-5
									4-5	4-5	4-5	4
P.R.101	<b>RED</b> B-U			50	1,81	7-8	4-5	200	4-5	4-5	4-5	4-5
									4-5	4-5	4-5	4
P.BL.7	<b>BLACK</b> B-U			40	1,06	8	5	200	5	5	5	5
									5	5	5	5



## PIGMARAMA AD AND PI RANGE

Pigmarama colours are highly pigmented water - based dispersions stabilised by optimised blend of surfactants

## PIGMARAMA AD AND PI RANGE

- Good compatibility in application media based on aqueous polymer emulsions,
- Miscible with each other in all ratios,
- Incorporation by simple mixing,
- Can easily be used in tinting systems by adjusting required parameters,
- High colour strength and gloss,
- Easy formulation of deep shades,
- Very good resistance to sedimentation,
- Low foaming.

Composition and manufacturing conditions of the individual grades vary and depend on the physical properties of the basic pigments.

## AD RANGE

Main uses are for the pigmentation of emulsion paints. Other uses: Also suitable for tinting acrylate, latices, aqueous woodstains, wood protection and varnish stains, though they should be tested first.

## PI RANGE

Main uses are for the water based flexographic and gravure inks, especially for all types of cardboard and paper, though they should be tested first.

## PIGMAPERSE RANGE

Pigmaperse Range; are compatible with most of the solvent and water - born systems. Applicable paint systems, are as follows,

- Long and medium oil alkyd systems
- Pure acrylic systems,
- Styrene modified long oil alkyd systems

Polyvinyl acetate systems

- Vinyl acrylic systems
- Urethane modified long oil alkyd systems.

## Important Point

Especially for outdoor paints coating system is very important in selecting pigment preparation. Testing the preparation in the coating systems is a must.

## EXPLANATIONS ON THE TABLES

**SPECIFIC GRAVITY** : In g /cm<sup>3</sup> based on DIN 53193

**LIGHT FASTNESS** : Exterior Acrylic Emulsion Paint Panels of Full Shade and Tint Shade were exposed for 500 hours on a Xenotest Equipment according to ISO 105 B02. Ratings were made against standard Blue Wool Scale 1 to 8 according to ISO 105 A02 .

**WEATHERING FASTNESS** : Exterior Acrylic Emulsion Paint Panels of FULL SHADE and TINT SHADE were exposed for 500 hours in a Weather -0- Meter according to ISO 105 B04. Ratings were made against ISO Grey Scale 105 A02 from 1 to 5.

## RESISTANCE TO ALKALI AND ACID :

Stripes of 5% full shade 1,5cm. in width are immersed for 5min. both in 2.5% caustic soda solution ( for resistant to alkali) or 5% hydrochloric acid ( for resistant to acid) and subsequently rinsed and dried. The resistance is evaluated according to ISO Grey Scale from 1 to 5 with 5 being the optimum value.

**APPROX.PIGMENT** : The given pigment content % is approx. and should be regarded only as a guide.



# KEMİTEKS

POLYMER EMULSIONS & PIGMENT DISPERSIONS

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Information in this catalogue is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.



The information submitted in this catalogue is offered in good faith but without guarantee. We recommend that the user determines the suitability of the chemicals before running them at the commercial scale.

ISO 9001: 2008 / APEO- Free / Formaldehyde - Free / Oeko- tex / Reach

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